

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, 2021
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	0.0113	0.0114	0.0115	0.0115	0.0114	0.0112	0.0116
2	0.0113	0.0113	0.0115	0.0115	0.0114	0.0113	0.0119
3	0.0113	0.0114	0.0115	0.0115	0.0114	0.0112	0.0116
4	0.0113	0.0113	0.0115	0.0118	0.0114	0.0113	0.0187
5	0.0113	0.0114	0.0115	0.0116	0.0116	0.0113	0.0145
6	0.0113	0.0115	0.0116	0.0116	0.0115	0.0113	0.0117
7	0.0113	0.0115	0.0116	0.0116	0.0115	0.0113	0.0117
8	0.0113	0.0114	0.0115	0.0115	0.0117	0.0114	0.0118
9	0.0114	0.0117	0.0117	0.0117	0.0117	0.0116	0.0123
10	0.0114	0.0117	0.0117	0.0117	0.0116	0.0114	0.012
11	0.0114	0.0117	0.0117	0.0117	0.0116	0.0113	0.0148
12	0.0114	0.0115	0.0117	0.0117	0.0116	0.0114	0.0147
13	0.0115	0.0118	0.0118	0.0118	0.0119	0.0117	0.012
14	0.0119	0.012	0.012	0.012	0.012	0.0116	0.0127
15	0.0117	0.0121	0.0122	0.0122	0.0121	0.0121	0.0134
16	0.0124	0.0125	0.0124	0.0126	0.0127	0.0123	0.0152
17	0.0119	0.012	0.013	0.0117	0.0116	0.0117	0.0169
18	0.0117	0.0119	0.0124	0.012	0.0119	0.0118	0.0161
19	0.0118	0.0118	0.0117	0.0117	0.0116	0.0117	0.0135
20	0.0116	0.0122	0.0119	0.0117	0.0117	0.0117	0.0126
21	0.0116	0.0115	0.0115	0.0115	0.0115	0.0115	0.0117
22	0.0115	0.0118	0.0116	0.0115	0.0115	0.0116	0.0126
23	0.0115	0.0116	0.0115	0.0115	0.0115	0.0115	0.0123
24	0.0115	0.0116	0.0115	0.0115	0.012	0.0114	0.0126
25	0.0113	0.0113	0.0114	0.0113	0.0113	0.0112	0.0123
26	0.0112	0.0112	0.0112	0.0113	0.0112	0.0112	0.0116
27	0.0112	0.0112	0.0112	0.0113	0.0113	0.0112	0.0113
28	0.0112	0.0112	0.0113	0.0113	0.0112	0.0111	0.0114
29	0.0112	0.0113	0.0113	0.0113	0.0113	0.0112	0.0114
30	0.0112	0.0113	0.0113	0.0114	0.0113	0.0112	0.0116
31	0.0113	0.0114	0.0114	0.0114	0.0113	0.0113	0.0115
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: 		9/5/2021
					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, 2021
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	272	270	11.13	7.54	22	Y	7,668	8,379
2	0.97	272	264	11.83	7.54	21	Y	7,748	8,411
3	0.97	272	264	11.42	7.53	21	Y	7,720	8,376
4	0.96	270	259	11.84	7.55	21	Y	7,756	8,414
5	0.98	271	266	11.66	7.53	21	Y	7,619	8,387
6	1.05	274	288	11.09	7.29	20	Y	7,722	8,391
7	0.96	271	261	11.43	7.55	21	Y	7,796	8,409
8	0.98	272	266	11.51	7.52	21	Y	7,721	8,394
9	0.97	271	263	11.14	7.52	21	Y	7,733	8,400
10	0.9	267	241	10.88	7.47	21	Y	7,735	8,402
11	0.96	265	254	10.87	7.46	21	Y	7,742	8,372
12	0.9	263	237	11.91	7.51	20	Y	7,761	8,395
13	1	263	263	11.13	7.54	22	Y	7,724	8,414
14	1	265	265	11.49	7.49	21	Y	7,744	8,405
15	0.98	268	262	11.93	7.55	21	Y	7,797	8,412
16	0.95	272	258	12.13	7.52	20	Y	7,679	8,390
17	0.95	268	254	11.88	7.51	20	Y	7,603	8,360
18	0.94	258	242	10.23	7.4	22	Y	7,578	8,365
19	0.94	264	248	10.63	7.48	22	Y	7,568	8,393
20	0.95	277	263	10.11	7.53	23	Y	7,629	8,293
21	0.9	278	250	10.28	7.5	22	Y	7,588	8,318
22	0.94	277	260	9.86	7.5	23	Y	7,645	8,340
23	0.94	277	260	10.42	7.56	23	Y	7,595	8,284
24	1.02	277	282	9.83	7.54	24	Y	7,600	8,310
25	1.02	279	285	9.8	7.51	23	Y	7,533	8,309
26	0.95	278	264	9.47	7.48	24	Y	7,594	8,307
27	0.95	277	263	10.35	7.49	22	Y	7,619	8,329
28	0.96	278	266	10.31	7.5	22	Y	7,612	8,311
29	0.94	277	261	10.13	7.53	23	Y	7,661	8,303
30	0.98	276	270	9.17	7.47	24	Y	7,705	8,315
31	0.92	277	255	9.8	7.53	23	Y	7,639	8,338