


**OHA - Drinking Water Services - Surface Water Quality Data Form**  
**Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems**

System Name: <b>BEND WATER DEPARTMENT</b>			ID#: <b>OR4100100</b>		County: Deschutes <b>WTP: WTP-A</b>		Month/Year: <b>May, 2022</b>
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	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
2	0.0121	0.0121	0.0121	0.0121	0.0122	0.0121	0.0146
3	0.0121	0.0125	0.0122	0.0122	0.0122	0.0122	0.0129
4	0.0122	0.0122	0.0122	0.0123	0.0124	0.0121	0.0199
5	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0125
6	0.0121	0.0122	0.0121	0.0121	0.0121	0.0121	0.0127
7	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0124
8	0.0121	0.0121	0.0121	0.0121	0.0121	0.012	0.0122
9	0.0121	0.0122	0.0121	0.0124	0.0123	0.0123	0.0126
10	0.0124	0.0124	0.0143	0.0122	0.0122	0.0122	0.0242
11	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0348
12	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.029
13	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0146
14	0.0122	0.0122	0.0122	0.0124	0.0123	0.0122	0.0128
15	0.0122	0.0122	0.0123	0.0123	0.0123	0.0122	0.0126
16	0.0122	0.0122	0.0122	0.0123	0.0122	0.0122	0.1531
17	0.0122	0.0122	0.0122	0.0123	0.0122	0.0122	0.1223
18	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0176
19	0.0122	0.0122	0.0122	0.0123	0.0122	0.0122	0.0409
20	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0151
21	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0128
22	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0124
23	0.0122	0.0122	0.0122	0.0123	0.0122	0.0122	0.0129
24	0.0122	0.0123	0.0122	0.0127	0.0122	0.0122	0.0162
25	0.0122	0.0123	0.0123	0.0129	0.0122	0.0122	0.0163
26	0.0123	0.0123	0.0123	0.0123	0.0122	0.0122	0.0228
27	0.0122	0.0123	0.0123	0.0123	0.0122	0.0122	0.0145
28	0.0123	0.0123	0.0123	0.0122	0.0123	0.0122	0.0129
29	0.0123	0.0123	0.0123	0.0123	0.0122	0.0122	0.0125
30	0.0122	0.0122	0.0122	0.0123	0.0122	0.0122	0.0157
31	0.0122	0.0122	0.0122	0.0129	0.0128	0.0129	0.0131
<b>Membrane</b>					<b>Monthly Summary (Answer Yes or No)</b>		
95% of daily turbidity readings ≤ 1 NTU?				<b>YES</b>	CT's met everyday? (see back)		All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?				<b>YES</b>	<b>YES</b>	<b>YES</b>	
<b>Notes:</b>					<b>PRINTED NAME: Rod J. Mingus</b>		
					<b>SIGNATURE:</b> 		<b>6/5/2022</b>
					<b>PHONE #:</b> (541) 317-3000		<b>CERT #:</b> T-08557

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BEND WATER DEPARTMENT      ID#: OR4100100      WTP: WTP-A							Disinfection Giardia Log Inactivation: 0.5		Month/Year:  May, 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	1.06	292	309	5.93	7.4	29	Y	7,218	7,916
2	1.04	290	302	5.96	7.42	29	Y	7,318	7,936
3	1.01	293	296	5.28	7.43	31	Y	7,154	7,914
4	0.97	293	284	6.48	7.44	28	Y	7,179	7,895
5	1.07	288	308	6.21	7.41	29	Y	7,392	7,987
6	1	289	289	5.91	7.37	29	Y	7,328	8,017
7	1.12	354	397	5.22	7.5	32	Y	6,228	7,053
8	1.06	362	384	5.52	7.52	32	Y	6,147	6,868
9	1.14	344	392	5.57	7.48	31	Y	6,231	7,215
10	1.13	327	370	5.31	7.39	31	Y	6,407	7,458
11	1.16	288	335	5.54	7.37	30	Y	7,324	7,999
12	1.07	291	311	6.12	7.52	30	Y	7,260	8,009
13	1.05	286	300	5.35	7.5	32	Y	7,382	8,097
14	1.01	288	291	6.33	7.53	30	Y	7,345	8,013
15	0.96	501	481	6.14	7.36	28	Y	4,803	4,979
16	1.02	428	437	6.06	7.42	29	Y	5,563	5,774
17	1.05	424	445	5.71	7.45	30	Y	5,541	5,886
18	1.02	385	392	6.04	7.48	30	Y	5,811	6,456
19	1	309	309	6.13	7.43	29	Y	6,698	7,671
20	1.08	350	378	6.19	7.51	30	Y	6,275	6,781
21	1.06	349	370	6.45	7.47	29	Y	6,265	6,766
22	1	350	350	6.36	7.5	29	Y	6,278	6,791
23	1.02	346	353	6.42	7.5	29	Y	6,344	6,804
24	0.86	347	298	7.47	7.47	26	Y	6,306	6,796
25	1.02	348	355	7.34	7.45	27	Y	6,334	6,777
26	1.03	348	359	7.65	7.48	27	Y	6,305	6,803
27	1.09	346	377	7.48	7.54	28	Y	6,322	6,800
28	1.1	348	383	6.46	7.49	29	Y	6,284	6,796
29	1.07	348	373	5.97	7.55	31	Y	6,300	6,797
30	1.06	347	367	6.24	7.46	29	Y	6,298	6,801
31	1.09	339	370	6.44	7.56	30	Y	6,448	6,962