

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

<b>System Name: BEND WATER DEPARTMENT</b>			<b>ID#: OR4100100</b>		<b>County: Deschutes</b>		<b>Month/Year:</b>	<b>Mar, 2023</b>
					<b>WTP: WTP-A</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	0.015	0.0151	0.0151	0.0219	0.0149	0.0149	0.0241	
2	0.0151	0.0152	0.0153	0.0153	0.0153	0.0153	0.0187	
3	0.0153	0.0153	0.0152	0.0152	0.0151	0.0151	0.0155	
4	0.0153	0.0153	0.0152	0.0151	0.0151	0.0152	0.0154	
5	0.0153	0.0153	0.0152	0.0151	0.0152	0.0153	0.0155	
6	0.0153	0.0153	0.0153	0.0152	0.0152	0.0153	0.0161	
7	0.0154	0.0154	0.0154	0.0153	0.0153	0.0154	0.0157	
8	0.0155	0.0154	0.0155	0.0154	0.0153	0.0153	0.0243	
9	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0164	
10	0.0154	0.0152	0.015	0.0151	0.015	0.0152	0.0155	
11	0.0151	0.0151	0.0152	0.0154	0.0155	0.0155	0.0156	
12	0.0155	0.0156	0.0155	0.0155	0.0155	0.0156	0.0157	
13	0.0156	0.0156	0.0157	0.0156	0.0156	0.0156	0.0164	
14	0.0156	0.0155	0.0153	0.0152	0.0151	0.0152	0.0158	
15	0.0154	0.0155	0.0155	0.0155	0.0154	0.0154	0.0285	
16	0.0155	0.0155	0.0156	0.0153	0.015	0.0151	0.0171	
17	0.0155	0.0156	0.0155	0.0154	0.0152	0.0154	0.0157	
18	0.0156	0.0157	0.0157	0.0157	0.0156	0.0156	0.0158	
19	0.0157	0.0157	0.0148	0.0156	0.0155	0.0156	0.0163	
20	0.0157	0.0157	0.0157	0.0157	0.0154	0.0154	0.0163	
21	0.0154	0.0155	0.0153	0.0152	0.0155	0.0154	0.0163	
22	0.0155	0.0155	0.0155	0.0155	0.0154	0.0154	0.0157	
23	0.0155	0.0155	0.0156	0.0156	0.0155	0.0155	0.0204	
24	0.0155	0.0155	0.0153	0.0153	0.0152	0.0152	0.0157	
25	0.0152	0.0152	0.0152	0.0152	0.0152	0.0152	0.0154	
26	0.0153	0.0153	0.0154	0.0152	0.0152	0.0152	0.0155	
27	0.0153	0.0154	0.0155	0.0154	0.0153	0.0154	0.0165	
28	0.0156	0.0156	0.0155	0.0154	0.0154	0.0155	0.0158	
29	0.0156	0.0156	0.0181	0.0157	0.0155	0.0156	0.0196	
30	0.0157	0.0157	0.0158	0.0156	0.0155	0.0157	0.0166	
31	0.0158	0.0159	0.0158	0.0157	0.0157	0.0157	0.016	
<b>Membrane</b>					<b>Monthly Summary (Answer Yes or No)</b>			
95% of daily turbidity readings ≤ 1 NTU?			YES	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?			YES	YES		YES		
<b>Notes:</b>					PRINTED NAME: Rod J. Mingus			
					SIGNATURE: 		4/5/2023	
					PHONE #:	(541) 317-3000		CERT #:

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BEND WATER DEPARTMENT			ID#: OR4100100		WTP: WTP-A		Disinfection Giardia Log Inactivation: 0.5		Month/Year:
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	1.07	288	308	3.61	7.49	36	Y	0	5,052
2	1.02	279	285	3.69	7.48	35	Y	0	5,157
3	1.03	279	288	3.87	7.53	35	Y	0	5,196
4	1.03	282	290	3.73	7.53	36	Y	0	5,214
5	1.03	280	288	3.73	7.48	35	Y	0	5,178
6	1.01	279	282	3.78	7.48	35	Y	0	5,170
7	1.05	247	259	3.84	7.58	36	Y	0	5,829
8	1.12	281	315	3.94	7.56	36	Y	0	5,185
9	1.05	280	294	3.91	7.51	35	Y	0	5,189
10	1.09	302	329	3.47	7.5	36	Y	0	4,948
11	1.06	279	295	3.63	7.51	36	Y	0	5,262
12	1.06	279	295	3.63	7.51	36	Y	0	5,262
13	1.05	248	260	4.13	7.49	34	Y	0	5,797
14	1.1	270	297	4.32	7.52	34	Y	0	5,382
15	1.1	275	302	3.78	7.45	35	Y	0	5,275
16	1.1	275	302	4.16	7.5	34	Y	0	5,285
17	1.11	275	305	3.77	7.45	35	Y	0	5,292
18	1.11	243	270	4.07	7.46	34	Y	0	5,896
19	1.08	275	297	4.47	7.52	34	Y	0	5,273
20	1.08	245	265	4.57	7.47	33	Y	0	5,950
21	1.07	276	295	4.61	7.46	33	Y	0	5,265
22	1.03	245	252	4.54	7.52	34	Y	0	5,817
23	1.07	282	302	4.53	7.55	34	Y	0	5,201
24	1.03	237	244	4.26	7.49	34	Y	0	6,047
25	1.06	284	301	3.76	7.47	35	Y	0	5,126
26	1.04	299	311	3.87	7.5	35	Y	0	4,917
27	1.06	289	306	3.74	7.53	36	Y	0	5,119
28	1.04	293	305	3.98	7.53	35	Y	0	5,034
29	1.1	291	320	3.99	7.49	35	Y	0	5,071
30	1.04	275	286	4.21	7.51	34	Y	0	5,206
31	1.03	290	299	4.42	7.49	33	Y	0	5,050