


**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>Mar, 2021</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	0.0128	0.0129	0.0129	0.0129	0.0129	0.0129	0.0135
2	0.0128	0.0128	0.0129	0.0129	0.0129	0.0129	0.013
3	0.0128	0.0128	0.0131	0.0129	0.0129	0.0129	0.0158
4	0.0128	0.0129	0.0132	0.0129	0.0129	0.0129	0.0145
5	0.0128	0.0128	0.0129	0.0129	0.0129	0.0128	0.013
6	0.0128	0.0129	0.0129	0.0129	0.0129	0.0129	0.013
7	0.0129	0.0129	0.013	0.0129	0.013	0.013	0.0131
8	0.0129	0.013	0.013	0.013	0.013	0.013	0.0139
9	0.0129	0.0129	0.013	0.013	0.013	0.0129	0.0131
10	0.0129	0.0129	0.0132	0.0132	0.0131	0.013	0.2705
11	0.0129	0.0129	0.0129	0.0129	0.013	0.0129	0.0144
12	0.0128	0.0128	0.0129	0.013	0.0131	0.013	0.0131
13	0.0129	0.0129	0.0129	0.013	0.013	0.0129	0.0131
14	0.0129	0.0129	0.0129	0.013	0.013	0.0129	0.013
15	0.0129	0.0129	0.0129	0.013	0.013	0.013	0.0152
16	0.013	0.0129	0.013	0.0131	0.0131	0.0131	0.0132
17	0.0129	0.0129	0.0129	0.0141	0.0142	0.0137	0.0159
18	0.0133	0.0132	0.0135	0.0137	0.0136	0.0133	0.0156
19	0.0132	0.0133	0.0134	0.0138	0.0142	0.0142	0.0143
20	0.0137	0.0137	0.0141	0.0143	0.0143	0.0143	0.0145
21	0.014	0.0141	0.0142	0.0144	0.0144	0.0143	0.0145
22	0.0138	0.0137	0.0139	0.0141	0.0143	0.0143	0.0145
23	0.0141	0.0142	0.0145	0.0145	0.0146	0.0145	0.0147
24	0.0139	0.0137	0.0141	0.0142	0.0142	0.0138	0.0161
25	0.0135	0.0137	0.0139	0.0141	0.0141	0.0139	0.0161
26	0.0135	0.0136	0.0141	0.0143	0.0146	0.0142	0.0146
27	0.0134	0.0135	0.0137	0.014	0.0143	0.014	0.0144
28	0.0133	0.0135	0.0137	0.0139	0.0139	0.0136	0.0141
29	0.0134	0.0136	0.0141	0.0146	0.0147	0.0144	0.0147
30	0.014	0.0142	0.0145	0.0133	0.0147	0.0147	0.0155
31	0.0146	0.0146	0.0148	0.0147	0.0147	0.0147	0.0326
<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:</b> Rod J. Mingus		
					<b>SIGNATURE:</b> 		<b>4/5/2021</b>
					<b>PHONE #:</b> (541) 317-3000		<b>CERT #:</b> T-08557

## OHA - Drinking Water Services - Surface Water Quality Data Form

BEND WATER DEPARTMENT      ID#: OR4100100      WTP: WTP-A							Disinfection Giardia Log Inactivation: 0.5		Month/Year:  Mar, 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	1.02	495	505	4	7.46	34	Y	4,614	5,306
2	1	576	576	4.47	7.44	33	Y	4,326	4,449
3	1.02	496	506	3.98	7.44	34	Y	4,574	5,197
4	0.99	487	482	4.45	7.32	31	Y	4,626	5,365
5	1	509	509	4.53	7.41	32	Y	4,620	5,087
6	1.01	561	566	4.32	7.42	33	Y	4,371	4,489
7	1	495	495	4.19	7.36	32	Y	4,655	5,301
8	0.99	490	485	4.12	7.4	33	Y	4,599	5,266
9	0.96	490	471	4.16	7.39	33	Y	4,687	5,318
10	1.02	473	482	4.11	7.33	32	Y	4,758	5,569
11	1.03	500	515	3.89	7.37	33	Y	4,568	4,936
12	0.95	545	518	4.38	7.32	31	Y	4,499	4,725
13	0.96	469	450	4.41	7.37	32	Y	4,865	5,619
14	0.96	469	450	4.41	7.37	32	Y	4,865	5,619
15	0.94	540	508	4.59	7.36	31	Y	4,412	4,779
16	0.95	570	541	4.52	7.37	32	Y	4,333	4,544
17	0.98	547	536	4.3	7.42	33	Y	4,539	4,684
18	1.01	544	549	4.44	7.36	32	Y	4,546	4,726
19	0.98	551	540	4.64	7.29	30	Y	4,399	4,682
20	0.98	548	537	4.83	7.28	30	Y	4,497	4,707
21	0.99	550	545	4.49	7.29	31	Y	4,463	4,686
22	0.98	545	534	4.41	7.32	31	Y	4,514	4,756
23	0.97	548	532	4.6	7.31	31	Y	4,528	4,692
24	1.02	561	572	4.27	7.25	31	Y	4,484	4,548
25	1	559	559	4.49	7.29	31	Y	4,458	4,599
26	0.97	549	533	4.57	7.29	31	Y	4,515	4,693
27	1	542	542	4.47	7.31	31	Y	4,508	4,773
28	0.97	540	524	4.88	7.3	30	Y	4,489	4,768
29	1.01	541	547	5.11	7.34	30	Y	4,466	4,785
30	0.98	535	525	5.18	7.31	30	Y	4,557	4,801
31	1.09	492	536	3.96	7.33	33	Y	4,435	4,782