


**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>Jul, 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	0.014	0.0139	0.0141	0.014	0.014	0.014	0.0148
2	0.014	0.0139	0.0139	0.014	0.0138	0.0138	0.0142
3	0.0139	0.0139	0.0139	0.0137	0.0135	0.0136	0.0141
4	0.0137	0.0137	0.0132	0.0132	0.013	0.013	0.0139
5	0.0131	0.0127	0.0127	0.0128	0.0125	0.0126	0.0135
6	0.0125	0.0122	0.0122	0.0122	0.0121	0.0122	0.0126
7	0.0121	0.012	0.0121	0.0121	0.012	0.0121	0.0123
8	0.0119	0.0118	0.0118	0.0119	0.0119	0.0119	0.026
9	0.0119	0.0116	0.0116	0.0117	0.0117	0.0117	0.012
10	0.0116	0.0115	0.0116	0.0117	0.0116	0.0116	0.0117
11	0.0114	0.0114	0.0115	0.0116	0.0116	0.0116	0.0117
12	0.0115	0.0115	0.0117	0.0117	0.0116	0.0116	0.0126
13	0.0114	0.0115	0.0116	0.0117	0.0117	0.0117	0.015
14	0.0116	0.0116	0.0117	0.0121	0.012	0.012	0.0146
15	0.0115	0.0116	0.0117	0.0117	0.0117	0.0117	0.0132
16	0.0116	0.0116	0.0117	0.0117	0.0117	0.0117	0.012
17	0.0116	0.0116	0.0117	0.0117	0.0117	0.0117	0.012
18	0.0116	0.0117	0.0118	0.0118	0.0117	0.0118	0.0126
19	0.0117	0.0121	0.0123	0.012	0.0118	0.013	0.0141
20	0.0122	0.0118	0.0121	0.012	0.0124	0.0121	0.0143
21	0.0118	0.0119	0.0126	0.0122	0.0126	0.0125	0.0181
22	0.0122	0.0121	0.0124	0.012	0.0123	0.0117	0.0145
23	0.0117	0.0117	0.0117	0.0117	0.0116	0.0117	0.0126
24	0.0117	0.0117	0.0122	0.0117	0.0117	0.0117	0.0141
25	0.0117	0.0116	0.0116	0.0116	0.0116	0.0116	0.0118
26	0.0116	0.0116	0.0116	0.0116	0.0117	0.0116	0.0166
27	0.0115	0.0116	0.0116	0.0116	0.0116	0.0116	0.0117
28	0.0116	0.0116	0.0116	0.0117	0.0115	0.0115	0.0134
29	0.0114	0.0114	0.0116	0.0116	0.0115	0.0114	0.0129
30	0.0113	0.0114	0.0115	0.0115	0.0115	0.0113	0.0116
31	0.0113	0.0114	0.0115	0.0114	0.0114	0.0114	0.0115
<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>8/5/2021</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:  Jul, 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	0.93	639	594	11.99	7.47	20	Y	3,790	4,049
2	0.96	628	603	11.76	7.41	20	Y	3,782	4,070
3	0.96	619	594	11.46	7.48	21	Y	3,850	4,069
4	0.99	626	620	11.23	7.45	21	Y	3,805	4,023
5	1	628	628	11.33	7.53	21	Y	3,837	4,020
6	1	624	624	10.95	7.43	21	Y	3,818	4,018
7	0.97	510	494	11.84	7.54	21	Y	4,525	4,754
8	1	496	496	11.36	7.57	22	Y	4,606	4,922
9	1.01	491	496	10.81	7.51	22	Y	4,639	5,015
10	0.99	491	487	10.96	7.55	22	Y	4,646	4,973
11	1	482	482	10.91	7.54	22	Y	4,716	5,046
12	0.99	484	479	10.88	7.5	22	Y	4,759	5,028
13	1.01	489	494	10.84	7.54	22	Y	4,659	5,032
14	0.97	434	421	11.61	7.55	21	Y	5,205	5,531
15	1.01	487	492	10.8	7.55	22	Y	4,702	4,997
16	0.95	489	464	10.8	7.53	22	Y	4,691	4,987
17	0.93	487	453	10.71	7.5	22	Y	4,720	4,996
18	0.99	488	483	10.86	7.49	22	Y	4,722	4,979
19	0.98	432	423	11.61	7.62	22	Y	5,196	5,596
20	0.95	448	425	10.66	7.44	21	Y	5,153	5,487
21	0.92	419	385	11.24	7.58	22	Y	5,423	5,696
22	0.92	428	394	10.87	7.54	22	Y	5,277	5,583
23	0.94	421	395	10.66	7.57	22	Y	5,343	5,739
24	0.91	427	389	10.85	7.53	22	Y	5,217	5,643
25	0.9	419	377	11.28	7.53	21	Y	5,373	5,760
26	0.95	279	265	10.92	7.57	22	Y	7,614	8,266
27	0.94	273	257	11.4	7.52	21	Y	7,639	8,384
28	0.88	273	240	10.54	7.46	22	Y	7,731	8,367
29	0.89	270	240	11.96	7.57	20	Y	7,746	8,389
30	0.96	270	259	11.78	7.53	21	Y	7,670	8,393
31	1	270	270	10.92	7.58	22	Y	7,687	8,401