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	Month/Year: May, 2023
		WTP: WTP-A	

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	0.0154
2	0.0121	0.0126	0.0121	0.0121	0.012	0.0121	0.0148
3	0.0121	0.012	0.0121	0.0121	0.0121	0.0121	0.0122
4	0.0121	0.0121	0.0123	0.0121	0.0121	0.0121	0.0723
5	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122	0.018
6	0.0121	0.012	0.0121	0.012	0.012	0.0121	0.0131
7	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122	0.0125
8	0.0122	0.0121	0.0121	0.0121	0.0121	0.0121	0.0153
9	0.0121	0.0121	0.0121	0.0122	0.0121	0.0122	0.0215
10	0.0122	0.0122	0.0121	0.013	0.0122	0.0122	0.0283
11	0.0122	0.0122	0.0121	0.0121	0.0122	0.0122	0.0152
12	0.0122	0.0121	0.0122	0.0122	0.0122	0.0122	0.0141
13	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122	0.0125
14	0.0122	0.0122	0.0121	0.0121	0.0121	0.0121	0.0124
15	0.0121	0.0122	0.0121	0.0121	0.0121	0.0121	0.0155
16	0.0122	0.0121	0.0122	0.0121	0.0121	0.0121	0.0127
17	0.0121	0.0121	0.0122	0.0122	0.0121	0.0121	0.0126
18	0.0121	0.0121	0.0121	0.0122	0.0121	0.0122	0.0362
19	0.0121	0.0122	0.0122	0.0121	0.0121	0.0121	0.0156
20	0.0122	0.0122	0.0121	0.0121	0.0121	0.0121	0.0135
21	0.0122	0.0121	0.0121	0.0121	0.0121	0.0121	0.0125
22	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0125
23	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0525
24	0.0121	0.0121	0.0121	0.0121	0.012	0.0121	0.1066
25	0.0121	0.0123	0.0121	0.0121	0.0121	0.0121	0.0176
26	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0129
27	0.0121	0.0121	0.0122	0.0121	0.0121	0.0121	0.0125
28	0.0121	0.0121	0.0122	0.0121	0.0121	0.0121	0.0123
29	0.0121	0.0121	0.0122	0.0122	0.0121	0.0121	0.0137
30	0.0121	0.0121	0.0122	0.0122	0.0121	0.0121	0.0123
31	0.0121	0.0121	0.0122	0.0125	0.0121	0.0121	0.1815

Membrane		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	**YES**	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	**YES**	**YES**	**YES**

Notes:

PRINTED NAME: Rod J. Mingus

SIGNATURE: Rod Mingus — **6/6/2023**

PHONE #: (541) 317-3000 — **CERT #:** 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: May, 2023

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	1.03	153	158	6.2	7.34	28	Y	0	8,048
2	1.1	225	247	5.57	7.33	29	Y	0	6,160
3	1.16	202	235	5.49	7.36	30	Y	0	6,731
4	1.19	200	238	5.86	7.32	29	Y	0	6,744
5	1.12	189	212	5.33	7.34	30	Y	0	6,872
6	1.25	191	239	5.22	7.33	31	Y	0	6,813
7	1.24	189	234	5.16	7.4	32	Y	0	6,861
8	1.18	189	223	5.36	7.32	30	Y	0	6,857
9	1	196	196	5.45	7.34	29	Y	0	6,781
10	0.99	201	199	5.47	7.31	29	Y	0	6,744
11	1.03	191	197	5.77	7.37	29	Y	0	6,826
12	1	190	190	5.57	7.35	29	Y	0	6,853
13	0.96	189	181	6.52	7.37	28	Y	0	6,883
14	1.09	188	205	6.69	7.39	28	Y	0	6,900
15	1.11	189	210	6.27	7.31	28	Y	0	6,887
16	1.13	188	213	5.99	7.33	29	Y	0	6,901
17	1.08	190	205	5.75	7.29	29	Y	0	6,845
18	1.08	192	208	5.99	7.34	29	Y	0	6,838
19	1.23	195	240	6.06	7.3	29	Y	0	6,829
20	1.22	240	293	6.65	7.37	28	Y	0	5,516
21	1.18	307	362	6.06	7.31	29	Y	0	4,794
22	1.18	310	366	6.09	7.29	28	Y	0	4,812
23	1.25	269	336	5.88	7.27	29	Y	0	5,319
24	1.19	200	238	6.36	7.37	29	Y	0	6,773
25	1.25	194	243	6.25	7.3	28	Y	0	6,788
26	1.19	194	230	7.12	7.31	27	Y	0	6,759
27	1.18	203	239	6.36	7.28	28	Y	0	6,722
28	1.2	204	245	6.47	7.35	28	Y	0	6,706
29	1.18	203	240	6.62	7.33	28	Y	0	6,718
30	1.13	201	227	6.69	7.22	26	Y	0	6,770
31	1.06	202	215	8.03	7.4	25	Y	0	6,741