

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 WTP: WTP-A		Month/Year: Oct, 2021
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	0.012	0.012	0.0121	0.012	0.0121	0.012	0.0122
2	0.012	0.0121	0.0121	0.012	0.012	0.012	0.0121
3	0.0121	0.0121	0.0121	0.0129	0.0122	0.0121	0.0182
4	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0128
5	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
6	0.0121	0.0121	0.0121	0.0122	0.012	0.012	0.0129
7	0.012	0.0121	0.0121	0.0121	0.0121	0.012	0.0127
8	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
9	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
10	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
11	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0128
12	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
13	0.0121	0.0121	0.0121	0.0121	0.0122	0.0121	0.0122
14	0.0121	0.0122	0.0121	0.0121	0.0121	0.0121	0.0131
15	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
16	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
17	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122
18	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0127
19	0.0121	0.0121	0.0121	0.0121	0.0121	0.0122	0.0127
20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
21	n/a	n/a	n/a	n/a	n/a	n/a	n/a
22	n/a	n/a	n/a	n/a	n/a	n/a	n/a
23	n/a	n/a	n/a	n/a	n/a	n/a	n/a
24	n/a	n/a	n/a	n/a	n/a	n/a	n/a
25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
26	n/a	n/a	n/a	n/a	n/a	n/a	n/a
27	0.0285	0.0291	0.0293	0.0304	0.0123	0.0122	0.1291
28	0.0121	0.0122	0.0125	0.0123	0.0122	0.0121	0.0219
29	0.012	0.012	0.012	0.012	0.012	0.012	0.0145
30	0.0121	0.012	0.0121	0.0121	0.0121	0.0121	0.0127
31	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0128
Membrane					Monthly Summary (Answer Yes or No)		
95% of daily turbidity readings ≤ 1 NTU?				YES	CT's met everyday? (see back)		All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?				YES	YES		YES
Notes: n/a or 0 = Down for Repairs/Maintenance					PRINTED NAME: Rod J. Mingus		
					SIGNATURE: 		11/5/2021
					PHONE #: (541) 317-3000		CERT #: T-08557

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BEND WATER DEPARTMENT ID#: OR4100100 WTP: WTP-A							Disinfection Giardia Log Inactivation: 0.5		Month/Year: Oct, 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	1.15	281	323	7.99	7.27	25	Y	7,521	8,235
2	1.17	280	327	8.16	7.24	24	Y	7,575	8,260
3	1.04	279	290	8.27	7.22	23	Y	7,610	8,234
4	1.09	287	312	8.21	7.24	24	Y	7,438	8,064
5	1.06	287	305	8.37	7.29	24	Y	7,390	8,092
6	1.16	286	332	7.04	7.26	26	Y	7,403	8,084
7	1.09	283	308	6.76	7.29	27	Y	7,473	8,199
8	1.3	282	367	7.24	7.31	27	Y	7,488	8,205
9	1.07	284	304	6.77	7.26	26	Y	7,414	8,192
10	1.05	280	294	7.21	7.28	26	Y	7,522	8,267
11	1.07	284	303	6.1	7.26	28	Y	7,449	8,144
12	1.07	283	303	6.17	7.28	28	Y	7,461	8,109
13	1.08	287	310	6.46	7.33	28	Y	7,312	8,131
14	1.06	301	319	6.48	7.31	27	Y	6,963	7,781
15	1.04	312	325	6.41	7.32	28	Y	6,804	7,495
16	1.06	312	331	6.52	7.29	27	Y	6,705	7,525
17	1.03	322	332	7.05	7.31	26	Y	6,801	7,321
18	1.04	299	311	7.03	7.31	26	Y	7,103	7,756
19	1.04	336	349	6.76	7.3	27	Y	6,370	7,295
20	n/a		n/a	n/a	n/a	n/a	n/a	0	0
21	n/a		n/a	n/a	n/a	n/a	n/a	0	0
22	n/a		n/a	n/a	n/a	n/a	n/a	0	0
23	n/a		n/a	n/a	n/a	n/a	n/a	0	0
24	n/a		n/a	n/a	n/a	n/a	n/a	0	0
25	n/a		n/a	n/a	n/a	n/a	n/a	0	0
26	n/a		n/a	n/a	n/a	n/a	n/a	0	0
27	0.95	446	424	7.25	8.17	35	Y	5,165	5,515
28	1.07	470	503	6.87	7.67	30	Y	5,004	5,188
29	1.24	448	556	7.38	7.63	30	Y	5,112	5,556
30	1.21	482	583	7.24	7.64	30	Y	4,847	5,066
31	1.12	530	594	6.23	7.69	32	Y	4,244	4,890