


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: Jan, 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	0.0126	0.0126	0.0127	0.0127	0.0126	0.0126	0.0129
2	0.0126	0.0126	0.0127	0.0127	0.0127	0.0127	0.0128
3	0.0126	0.0126	0.0127	0.0127	0.0128	0.0127	0.0128
4	0.0126	0.0126	0.0126	0.0127	0.0127	0.0127	0.028
5	0.0128	0.0127	0.0128	0.0129	0.0128	0.0128	0.0136
6	0.0128	0.0127	0.0133	0.0127	0.0128	0.0126	0.0645
7	0.0126	0.0126	0.0127	0.0127	0.0127	0.0127	0.0175
8	0.0126	0.0126	0.0127	0.0128	0.0128	0.0127	0.0131
9	0.0127	0.0128	0.0128	0.0129	0.013	0.0129	0.0131
10	0.0128	0.0127	0.0127	0.0127	0.0127	0.0127	0.0131
11	0.0126	0.0126	0.0126	0.0127	0.0127	0.0127	0.0146
12	0.0127	0.0126	0.0127	0.0127	0.0121	0.0128	0.0136
13	n/a	n/a	n/a	n/a	n/a	n/a	n/a
14	0.0128	0.0129	0.013	0.0131	0.0129	0.0129	0.0222
15	0.0128	0.0128	0.0129	0.0129	0.0129	0.0128	0.013
16	0.0127	0.0129	0.0129	0.0129	0.0129	0.0129	0.013
17	0.0128	0.0128	0.0128	0.0129	0.0129	0.0129	0.013
18	0.0129	0.0129	0.0129	0.0131	0.0131	0.013	0.0141
19	0.013	0.0129	0.013	0.013	0.0131	0.0131	0.0135
20	0.013	0.013	0.0129	0.013	0.013	0.0129	0.2995
21	0.0128	0.0128	0.0128	0.0128	0.0128	0.0128	0.0135
22	0.0128	0.0128	0.0127	0.0128	0.0129	0.013	0.0131
23	0.013	0.0129	0.0129	0.013	0.0131	0.013	0.0131
24	0.013	0.013	0.013	0.0131	0.013	0.013	0.0131
25	0.0129	0.0129	0.013	0.0131	0.0131	0.0131	0.0148
26	0.0129	0.013	0.0131	0.0131	0.0131	0.0131	0.0132
27	0.013	0.0131	0.013	0.013	0.0129	0.0128	0.0181
28	0.0128	0.0128	0.0128	0.0128	0.0128	0.0128	0.0153
29	0.0128	0.0127	0.0127	0.0128	0.0129	0.0129	0.013
30	0.0128	0.0128	0.0128	0.0128	0.0128	0.0127	0.0129
31	0.0128	0.0128	0.0127	0.0127	0.0128	0.0128	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:					PRINTED NAME: Rod J. Mingus		
n/a or 0 = Down for Repairs/Maintenance					SIGNATURE: 		2/5/2021
					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: Jan, 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	1.06	543	575	4.05	7.61	36	Y	4,398	4,799
2	1.05	590	620	4.35	7.48	34	Y	4,272	4,439
3	1.05	498	523	4.29	7.44	33	Y	4,586	5,262
4	1.05	504	529	4.18	7.45	34	Y	4,626	5,165
5	1.08	684	738	3.97	7.47	34	Y	3,720	3,838
6	1.1	559	615	3.83	7.47	35	Y	4,314	4,688
7	1.03	519	534	4.31	7.45	33	Y	4,496	5,101
8	1.03	494	509	4.02	7.41	33	Y	4,608	5,299
9	1.06	505	535	3.99	7.36	33	Y	4,616	5,208
10	1.03	521	536	4.03	7.37	33	Y	4,522	5,030
11	1.02	584	596	4.15	7.36	32	Y	4,240	4,430
12	1	452	452	4.28	7.37	32	Y	5,042	5,655
13	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0
14	0.94	560	526	4.73	7.38	31	Y	4,326	4,460
15	1	521	521	4.39	7.36	32	Y	4,482	5,091
16	1.01	513	518	4.37	7.38	32	Y	4,564	5,021
17	1.02	492	501	4.65	7.47	33	Y	4,626	5,384
18	0.88	458	403	4.46	7.46	32	Y	4,905	5,594
19	0.93	637	592	3.72	7.46	34	Y	3,728	4,330
20	0.95	447	424	3.77	7.51	35	Y	4,847	5,803
21	0.94	589	553	3.7	7.45	34	Y	4,232	4,375
22	0.92	550	506	4.42	7.5	33	Y	4,186	4,881
23	0.93	445	414	3.7	7.42	34	Y	5,021	5,721
24	0.95	472	448	3.44	7.42	35	Y	4,824	5,496
25	0.96	551	529	3.54	7.45	35	Y	4,384	4,784
26	0.97	486	472	3.11	7.5	36	Y	4,694	5,313
27	1.01	488	492	2.95	7.32	35	Y	4,653	5,330
28	1.02	578	589	3.36	7.34	34	Y	4,254	4,494
29	1.02	466	476	3.79	7.37	33	Y	4,688	5,654
30	1.03	568	585	3.52	7.37	34	Y	4,364	4,519
31	1.02	499	508	4.08	7.44	34	Y	4,563	5,275