

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: Dec, 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	0.0121	0.0122	0.0122	0.0123	0.0122	0.0122	0.0247
2	0.0122	0.0122	0.0122	0.0124	0.0122	0.0122	0.0357
3	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0145
4	0.0122	0.0122	0.0122	0.0122	0.0123	0.0122	0.0127
5	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0124
6	0.0122	0.0122	0.0123	0.0123	0.0122	0.0122	0.0139
7	0.0122	0.0122	0.0122	0.0122	0.0127	0.0125	0.0153
8	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0127
9	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0792
10	0.0124	0.0124	0.0124	0.0124	0.0124	0.0124	0.0126
11	0.0124	0.0124	0.0124	0.0124	0.0124	0.0124	0.0126
12	0.0124	0.0125	0.0124	0.0124	0.0124	0.0124	0.0126
13	0.0124	0.0124	0.0126	0.0125	0.0125	0.0125	0.013
14	0.0124	0.0124	0.0124	0.0125	0.0124	0.0124	0.0126
15	0.0125	0.0125	0.0127	0.0126	0.0125	0.0125	0.0138
16	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.016
17	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0126
18	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0126
19	0.0125	0.0125	0.0125	0.0125	0.0126	0.0126	0.0127
20	0.0125	0.0125	0.0125	0.0125	0.0125	0.0124	0.0153
21	0.0124	0.0124	0.0124	0.0125	0.0125	0.0125	0.0128
22	0.0125	0.0125	0.0127	0.0125	0.0125	0.0125	0.0167
23	0.0125	0.0126	0.0125	0.0129	0.0126	0.0126	0.0196
24	0.0126	0.0125	0.0126	0.0125	0.0125	0.0126	0.0141
25	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0133
26	0.0125	0.0125	0.014	0.0125	0.0125	0.0125	0.0151
27	0.0125	0.0125	0.0126	0.0126	0.0126	0.0125	0.0131
28	0.0125	0.0125	0.0125	0.0126	0.0125	0.0125	0.0128
29	0.0125	0.0125	0.0125	0.0126	0.0125	0.0125	0.0895
30	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0136
31	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0127
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: 		1/5/2022
					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: Dec, 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	1.05	554	581	5.79	7.15	27	Y	4,171	4,721
2	1.02	548	559	6.21	7.23	27	Y	4,276	4,669
3	1.04	495	514	5.77	7.23	28	Y	4,680	5,007
4	1.05	568	597	5.48	7.2	28	Y	4,199	4,667
5	1.06	466	494	5.72	7.2	28	Y	4,872	5,353
6	1.08	594	641	5.29	7.18	28	Y	4,068	4,474
7	0.99	573	567	5.59	7.18	28	Y	4,091	4,611
8	1.02	585	597	5.38	7.17	28	Y	4,095	4,511
9	1.05	581	610	4.98	7.17	29	Y	4,150	4,600
10	1.09	518	565	4.22	7.13	30	Y	4,442	4,924
11	1.09	627	684	4.41	7.16	30	Y	4,020	4,167
12	1.12	582	652	3.72	7.16	31	Y	4,122	4,582
13	1.1	589	648	4.03	7.17	31	Y	4,158	4,483
14	1.11	629	698	3.98	7.09	30	Y	4,014	4,165
15	1.07	455	487	3.84	7.11	30	Y	5,029	5,430
16	1.12	511	573	3.87	7.12	31	Y	4,574	4,831
17	1.11	556	617	4.03	7.12	30	Y	4,169	4,654
18	1.1	597	657	4.02	7.12	30	Y	4,029	4,299
19	1.01	544	549	4.63	7.15	29	Y	4,251	4,916
20	1.07	570	610	4.54	7.11	29	Y	4,197	4,498
21	1.13	532	602	4.61	7.15	30	Y	4,191	4,809
22	1.06	550	583	4.63	7.17	29	Y	4,265	4,670
23	1.05	571	599	4.52	7.22	30	Y	4,161	4,656
24	1.09	490	534	4.01	7.26	32	Y	4,679	5,072
25	1.1	642	707	3.57	7.25	33	Y	3,927	4,096
26	1.1	621	683	3.6	7.25	33	Y	4,010	4,268
27	1.1	520	573	3.23	7.22	33	Y	4,349	4,892
28	1.12	613	686	3.11	7.23	34	Y	3,943	4,391
29	1.11	588	653	3.74	7.23	32	Y	4,112	4,506
30	1.11	594	660	3.64	7.22	32	Y	4,077	4,473
31	1.11	547	607	3.47	7.2	32	Y	4,203	4,850