


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, 2022
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	0.0125	0.0126	0.0125	0.0126	0.0125	0.0125	0.0126
2	0.0125	0.0124	0.0125	0.0125	0.0125	0.0125	0.0126
3	0.0125	0.0125	0.0125	0.0126	0.0125	0.0125	0.0132
4	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0126
5	0.0125	0.0125	0.0125	0.0126	0.0125	0.0125	0.0178
6	0.0125	0.0125	0.0125	0.0125	0.0124	0.0125	0.0152
7	0.0124	0.0124	0.0124	0.0124	0.0124	0.0124	0.0126
8	0.0124	0.0124	0.0124	0.0125	0.0125	0.0125	0.0126
9	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0126
10	0.0125	0.0125	0.0125	0.0126	0.0125	0.0125	0.016
11	0.0126	0.0125	0.0125	0.0125	0.0125	0.0125	0.0129
12	0.0125	0.0126	0.0126	0.0127	0.0126	0.0125	0.0226
13	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126	0.0171
14	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126	0.0131
15	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126	0.0128
16	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126	0.0131
17	0.0126	0.0126	0.0126	0.0127	0.0126	0.0127	0.0139
18	0.0126	0.0126	0.0126	0.0126	0.0126	0.0125	0.0136
19	0.0125	0.0125	0.0125	0.0126	0.0126	0.0125	0.0175
20	0.0125	0.0125	0.0125	0.0126	0.0125	0.0125	0.0182
21	0.0126	0.0126	0.0126	0.0126	0.0125	0.0125	0.0128
22	0.0125	0.0126	0.0126	0.0126	0.0125	0.0125	0.0127
23	0.0125	0.0126	0.0126	0.0125	0.0125	0.0125	0.0127
24	0.0125	0.0126	0.0126	0.0126	0.0126	0.0126	0.014
25	0.0125	0.0126	0.0126	0.0126	0.0125	0.0125	0.0127
26	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0175
27	0.0125	0.0125	0.0125	0.0126	0.0126	0.0125	0.0191
28	0.0125	0.0125	0.0125	0.0125	0.0126	0.0125	0.0127
29	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125	0.0127
30	0.0125	0.0126	0.0125	0.0125	0.0125	0.0125	0.0128
31	0.0125	0.0126	0.0126	0.0125	0.0126	0.0125	0.0132
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		
					SIGNATURE: 		2/7/2022
					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: Jan, 2022
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	1.11	587	651	3.46	7.16	32	Y	4,180	4,508
2	1.09	556	606	3.7	7.18	32	Y	4,215	4,694
3	1.08	549	592	3.96	7.17	31	Y	4,258	4,660
4	1.12	498	557	3.22	7.17	33	Y	4,546	5,035
5	1.12	518	580	3.21	7.13	32	Y	4,462	4,800
6	1.06	564	598	3.9	7.13	31	Y	4,136	4,610
7	1.1	575	632	4.08	7.1	30	Y	4,068	4,428
8	1.17	576	674	3.79	7.19	32	Y	4,094	4,587
9	1.1	562	619	3.84	7.18	31	Y	4,138	4,586
10	1.12	615	689	4.04	7.41	34	Y	4,072	4,248
11	1.11	516	573	4.41	7.4	33	Y	4,444	4,886
12	1	596	596	4.58	7.46	33	Y	4,049	4,447
13	1.11	526	584	4.43	7.4	33	Y	4,309	5,131
14	1.13	543	614	4.51	7.49	34	Y	4,275	4,592
15	1.15	585	672	4.2	7.48	34	Y	4,102	4,551
16	1.17	500	585	4.41	7.44	33	Y	4,625	4,931
17	1.15	590	679	4.35	7.44	33	Y	4,067	4,523
18	1	574	574	4.3	7.44	33	Y	4,061	4,611
19	1.04	322	335	4.32	7.41	33	Y	0	4,528
20	1.01	322	325	4.65	7.39	32	Y	0	4,600
21	0.93	327	304	4.66	7.38	31	Y	0	4,496
22	0.98	330	324	4.19	7.37	32	Y	0	4,521
23	1.01	273	276	4.08	7.37	33	Y	0	5,357
24	1	329	329	4.39	7.38	32	Y	0	4,575
25	1	329	329	4.31	7.37	32	Y	0	4,586
26	1.01	326	330	4.04	7.39	33	Y	0	4,447
27	1.05	350	368	3.73	7.39	34	Y	0	4,334
28	1.04	323	336	3.88	7.37	33	Y	0	4,545
29	1.02	323	329	4.16	7.37	33	Y	0	4,643
30	1.01	257	259	4.04	7.36	33	Y	0	5,658
31	1.02	343	350	4.2	7.38	33	Y	0	4,414