


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: May, 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	0.013	0.013	0.013	0.013	0.0129	0.0129	0.0134
2	0.013	0.013	0.013	0.013	0.0129	0.0129	0.0132
3	0.013	0.013	0.013	0.0131	0.013	0.0129	0.0139
4	0.0129	0.013	0.013	0.0131	0.0129	0.0129	0.0157
5	0.0129	0.0131	0.0131	0.0131	0.0129	0.0129	0.0133
6	0.013	0.0131	0.013	0.013	0.0129	0.0129	0.0148
7	0.013	0.0131	0.0131	0.0131	0.013	0.0129	0.0132
8	0.013	0.0131	0.0132	0.0132	0.013	0.0129	0.0133
9	0.013	0.0131	0.0131	0.0131	0.013	0.0129	0.0132
10	0.013	0.013	0.0131	0.0131	0.013	0.0129	0.0139
11	0.013	0.0131	0.0131	0.0131	0.013	0.0129	0.0318
12	0.0129	0.0131	0.0132	0.0132	0.0129	0.0129	0.016
13	0.0129	0.0131	0.0131	0.0132	0.0129	0.0129	0.0142
14	0.0129	0.0131	0.0131	0.0131	0.0129	0.0129	0.0134
15	0.0131	0.0132	0.0132	0.0131	0.013	0.013	0.0134
16	0.0131	0.0133	0.0133	0.0132	0.013	0.013	0.0137
17	0.0129	0.0131	0.0131	0.0131	0.0129	0.0129	0.0148
18	0.013	0.0132	0.0132	0.0133	0.0132	0.013	0.1268
19	0.0131	0.0134	0.0132	0.0133	0.0131	0.0129	0.0207
20	0.013	0.0132	0.0132	0.0133	0.0133	0.0134	0.0173
21	0.0134	0.0134	0.0134	0.0134	0.0134	0.0134	0.0137
22	0.0134	0.0135	0.0134	0.0133	0.0133	0.0133	0.0136
23	0.0134	0.0134	0.0134	0.0133	0.0133	0.0133	0.0135
24	0.0133	0.0133	0.0134	0.0134	0.0133	0.0133	0.0159
25	0.0134	0.0134	0.0134	0.0134	0.0133	0.0133	0.0944
26	0.0133	0.0133	0.0134	0.0133	0.0132	0.0133	0.0195
27	0.0133	0.0133	0.0134	0.0134	0.0132	0.0133	0.015
28	0.0134	0.0134	0.0134	0.0134	0.0132	0.0133	0.0138
29	0.0133	0.0134	0.0133	0.0133	0.0132	0.0133	0.0136
30	0.0133	0.0134	0.0134	0.0134	0.0132	0.0134	0.0135
31	0.0134	0.0134	0.0135	0.0134	0.0133	0.0133	0.0151
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: 		6/5/2021
					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, 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	1.14	279	318	6.7	7.34	28	Y	7,571	8,298
2	1.12	277	310	6.54	7.32	28	Y	7,553	8,301
3	1.12	289	323	6.44	7.28	27	Y	7,225	8,074
4	1.1	285	313	6.43	7.26	27	Y	7,335	8,113
5	1.01	284	287	7.04	7.28	26	Y	7,358	8,194
6	1.1	279	307	6.23	7.23	27	Y	7,547	8,310
7	1.08	281	303	6.46	7.25	27	Y	7,467	8,248
8	1.07	281	300	6.25	7.2	27	Y	7,474	8,295
9	1.16	283	328	5.94	7.26	28	Y	7,415	8,200
10	1.15	280	322	6.23	7.29	28	Y	7,514	8,278
11	1.08	282	305	6.37	7.34	28	Y	7,467	8,209
12	1.07	280	300	7.47	7.33	26	Y	7,524	8,254
13	1.06	279	296	6.93	7.26	26	Y	7,530	8,279
14	1.09	280	305	6.57	7.21	26	Y	7,499	8,264
15	1.09	279	304	6.74	7.21	26	Y	7,523	8,302
16	1.12	279	312	6.67	7.21	26	Y	7,544	8,323
17	1.18	279	329	6.82	7.24	26	Y	7,558	8,306
18	1.03	275	284	7.84	7.29	25	Y	7,660	8,320
19	1.1	274	301	7.09	7.27	26	Y	7,532	8,336
20	1.11	273	302	6.74	7.29	27	Y	7,577	8,342
21	1.08	275	297	6.8	7.35	27	Y	7,507	8,343
22	1.06	277	293	6.84	7.36	27	Y	7,555	8,330
23	1.05	277	290	6.67	7.34	27	Y	7,545	8,346
24	1.01	276	279	6.64	7.3	27	Y	7,628	8,351
25	0.98	277	272	7.41	7.31	25	Y	7,557	8,332
26	0.93	278	258	7.62	7.3	25	Y	7,548	8,332
27	1.1	277	305	7.31	7.37	27	Y	7,588	8,334
28	1.05	276	290	8.22	7.38	25	Y	7,612	8,330
29	1	275	275	8.17	7.36	25	Y	7,647	8,337
30	1.09	274	299	6.98	7.24	26	Y	7,619	8,352
31	1.06	274	290	8.63	7.35	24	Y	7,632	8,320