

# Membrane Filter Monthly Operating Report

County: Deschutes

System Name: City of Bend

Month/Year: October 2024

PWS ID#: 41 - 00100 Minimum test pressure applied || req'd: 32 psi || 27 psi

Plant ID: WTP - A (e.g., "A")

DIT = Direct Integrity Test on filter(s) [Yes, No, or "off" if all filters are offline]

PDR = Pressure Decay Rate

PDR Max[psi/min]

LRC [log removal]

DIT Daily

LRC = Log Removal Credit

0.21

4.00

Day	CFE Daily Turbidity [NTU]	Highest CFE [NTU]	Highest IFE [NTU] (>15 min duration)	Highest PDR of day [psi/min]	Lowest LRVambient of day [log removal]	[Y/N] or "off"
1	0.0168	0.017	0.0147	0.0512		Y
2	0.0169	0.0184	0.0147	0.05		Y
3	0.0169	0.0174	0.0146	0.0532		Y
4	0.017	0.0171	0.0242	0.0486		Y
5	0.017	0.0171	0.013	0.0544		Y
6	0.0169	0.0171	0.0129	0.0498		Y
7	0.0169	0.018	0.0129	0.0474		Y
8	0.0168	0.0171	0.013	0.0524		Y
9	0.0167	0.0189	0.013	0.0482		Y
10	0.0167	0.0174	0.0129	0.0546		Y
11	0.0167	0.0169	0.013	0.0408		Y
12	0.0167	0.0168	0.013	0.0416		Y
13	0.0167	0.0168	0.0129	0.0512		Y
14	0.0167	0.0172	0.0132	0.047		Y
15	0.0166	0.0168	0.013	0.0528		Y
16	0.0165	0.0172	0.0132	0.054		Y
17	0.0165	0.0171	0.013	0.0494		Y
18	0.0165	0.0167	0.013	0.0452		Y
19	0.0165	0.0167	0.013	0.0452		Y
20	0.0165	0.0167	0.0132	0.0518		Y
21	0.0165	0.0168	0.0131	0.0528		Y
22	0.0166	0.0167	0.0131	0.054		Y
23	0.0166	0.0339	0.0134	0.0516		Y
24	0.0166	0.017	0.0134	0.0452		Y
25	0.0166	0.0167	0.0131	0.0436		Y
26	0.0165	0.0167	0.0132	0.0434		Y
27	0.0166	0.0168	0.0135	0.055		Y
28	0.0167	0.0173	0.0147	0.046		Y
29	0.0167	0.0169	0.013	0.0428		Y
30	0.0168	0.0185	0.013	0.0488		Y
31	0.0168	0.0198	0.0134	0.046		Y

### Compliance summary (operator to complete any blank fields)

95% of daily turbidity readings ≤ 1 NTU? [Y/N]	All turbidity readings ≤ 5 NTU? [Y/N]	All IFE turbidity readings ≤ 0.15 NTU? [Y/N]	Performance std met? [Y/N] (PDR ≤ PDRMax, LRV ≥ LRC)	DIT Daily?
Y	Y	Y		Y
CT's met daily? (p. 2)	All Cl2 residual at EP ≥ 0.2 mg/L?	PDR < PDRMax?	LRVambient > LRC?	
Y	Y	Y		

PRINTED NAME:

Rod Minaus

SIGNATURE:



Notes:

DATE: 11/05/24

WT CERT #: T-08557

PHONE #: 541-693-2180

# Disinfection Monthly Operating Report

System Name: **Bend Water Department**

PWS ID#: 41 - **00100**

Plant ID : WTP - **A**

**0.5**

Log  
Inactivation  
Required via  
Disinfection

Day	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) ♦ [mg/L = ppm]	Contact Time (T) [minutes]	Actual CT C x T (Formula)	Temp [°C]	pH	Required CT (Formula)	CT Met? ♦ [Yes / No] (Formula)	Peak Hourly Demand Flow CT [GPM]	Peak Hourly Demand Flow OB1 [GPM]
1	1.13	273	309	7.58	7.57	28	Y	7,465	8,091
2	1.11	274	304	8.07	7.61	28	Y	7,506	8,079
3	1.1	276	304	8.27	7.63	27	Y	7,579	8,069
4	1.1	275	303	7.43	7.64	29	Y	7,453	8,065
5	1.08	274	296	8.27	7.62	27	Y	7,488	8,061
6	1.1	277	305	7.41	7.62	29	Y	7,502	8,064
7	1.07	275	294	8.13	7.63	27	Y	7,551	8,073
8	1.06	274	290	8.56	7.63	27	Y	7,480	8,076
9	1.08	273	294	8.02	7.58	27	Y	7,525	8,090
10	1.11	273	303	8.16	7.6	27	Y	7,567	8,081
11	1.07	272	291	7.84	7.6	28	Y	7,508	8,136
12	1.07	286	306	7.48	7.6	28	Y	7,470	8,113
13	1.05	281	295	7.9	7.64	28	Y	7,458	8,097
14	1.06	272	288	7.53	7.59	28	Y	7,497	8,136
15	1.1	274	301	7.69	7.64	29	Y	7,515	8,044
16	1.1	278	306	7.66	7.63	28	Y	7,462	8,083
17	1.11	270	300	7.69	7.62	28	Y	7,527	8,202
18	1.09	278	303	6.86	7.6	30	Y	7,317	8,125
19	1.08	277	299	6.78	7.62	30	Y	7,370	8,112
20	1.05	291	306	6.84	7.63	30	Y	6,916	8,076
21	1.09	276	301	8.01	7.61	28	Y	7,450	8,103
22	1.09	286	312	7.92	7.65	28	Y	7,318	8,079
23	1.14	280	320	6.86	7.62	30	Y	7,152	8,113
24	1.13	302	341	7.13	7.63	30	Y	6,631	8,003
25	1.15	317	365	6.55	7.65	31	Y	6,368	7,781
26	1.1	342	376	6.22	7.62	31	Y	6,147	7,130
27	1.09	326	356	6.95	7.64	30	Y	6,277	7,502
28	1.05	343	360	7.28	7.65	29	Y	6,117	7,182
29	1.08	380	411	6.7	7.61	30	Y	5,713	6,473
30	1.22	327	399	6.27	7.66	32	Y	5,820	8,168
31	1.13	369	417	6	7.63	32	Y	5,517	6,540

♦ If chlorine concentration at entry point < 0.2 mg/l, or CT not met, notify DWS within 24 hours.

**Submit this monthly report by the 10th of following month by**

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Portland, OR 97293-0350  
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