

Membrane Filter Monthly Operating Report

County: Deschutes

System Name: City of Bend

Month/Year: May 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	0.0164	0.0714	0.0726	0.0458		Y
2	0.0162	0.0191	0.1028	0.0474		Y
3	0.0162	0.0169	0.0131	0.048		Y
4	0.0161	0.0164	0.0131	0.047		Y
5	0.0164	0.0165	0.0131	0.05		Y
6	0.0162	0.0173	0.0131	0.051		Y
7	0.0162	0.0267	0.0132	0.047		Y
8	0.0162	0.0289	0.0131	0.044		Y
9	0.016	0.0188	0.0133	0.044		Y
10	0.016	0.0172	0.0131	0.0482		Y
11	0.0161	0.0164	0.013	0.0486		Y
12	0.0161	0.0165	0.0131	0.0544		Y
13	0.0161	0.0178	0.0147	0.0436		Y
14	0.0162	0.0166	0.0131	0.0454		Y
15	0.0162	0.0237	0.0131	0.0488		Y
16	0.0161	0.0288	0.013	0.0482		Y
17	0.016	0.0176	0.0131	0.0486		Y
18	0.016	0.0164	0.0131	0.0516		Y
19	0.016	0.0163	0.0131	0.0528		Y
20	0.016	0.018	0.013	0.047		Y
21	0.0159	0.0162	0.0131	0.048		Y
22	0.0158	0.0244	0.0132	0.0482		Y
23	0.0156	0.0186	0.0132	0.0512		Y
24	0.0155	0.0164	0.0132	0.0512		Y
25	0.0154	0.016	0.0132	0.055		Y
26	0.0154	0.016	0.0135	0.0544		Y
27	0.0153	0.0191	0.0153	0.0544		Y
28	0.0152	0.0156	0.0132	0.0528		Y
29	0.0163	0.2469	0.0133	0.0538		Y
30	0.0152	0.0224	0.0133	0.0476		Y
31	0.0152	0.0174	0.0133	0.0474		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: 06/05/24

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 ₂ 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	1.08	326	352	5.07	7.42	31	Y	6,290	7,140
2	1.07	322	345	5.76	7.45	30	Y	6,396	7,337
3	0.99	320	317	6.01	7.43	29	Y	6,372	7,482
4	1.01	344	347	6.07	7.44	29	Y	6,204	6,945
5	1.12	327	366	4.67	7.42	32	Y	6,260	7,294
6	1.09	325	354	5.32	7.44	31	Y	6,373	7,270
7	1.1	309	340	5.06	7.4	31	Y	6,399	7,798
8	1.11	302	336	4.74	7.46	33	Y	6,721	7,623
9	1.1	294	324	6.25	7.42	29	Y	7,138	7,601
10	1.04	292	304	6.74	7.45	28	Y	7,104	7,595
11	1.15	293	337	5.85	7.41	30	Y	7,074	7,625
12	1.1	291	320	6.38	7.39	28	Y	7,122	7,591
13	1.1	272	300	5.64	7.43	30	Y	7,455	8,155
14	1.04	272	283	6.24	7.41	29	Y	7,496	8,139
15	1.06	269	285	6.07	7.4	29	Y	7,606	8,172
16	1.05	266	279	5.97	7.44	30	Y	7,622	8,265
17	1.03	269	277	6.35	7.44	29	Y	7,507	8,188
18	1.03	268	276	5.79	7.41	30	Y	7,538	8,205
19	1	268	268	6.74	7.45	28	Y	7,477	8,206
20	1.17	264	309	5.24	7.4	31	Y	7,559	8,219
21	1.15	262	302	5.57	7.39	30	Y	7,580	8,203
22	1.08	259	280	6.51	7.38	28	Y	7,539	8,224
23	1.13	271	307	5.2	7.43	31	Y	7,489	8,102
24	1.12	272	305	5.6	7.42	30	Y	7,478	8,106
25	1.1	274	301	5.9	7.37	29	Y	7,491	8,088
26	1.05	270	284	6.68	7.36	27	Y	7,449	8,083
27	1.12	321	360	6.26	7.39	29	Y	6,584	6,967
28	1.08	322	348	8.06	7.39	25	Y	6,478	6,980
29	1.16	349	404	6.09	7.34	29	Y	6,109	6,518
30	1.17	350	409	6.18	7.36	29	Y	6,168	6,488
31	1.16	354	411	6.22	7.37	29	Y	6,152	6,518

♦ 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

mail: PO Box 14350
Portland, OR 97293-0350
email: dwp.dmce@odhsoha.oregon.gov
fax: 971-673-0458