

Membrane Filter Monthly Operating Report

County: Deschutes

System Name: City of Bend

Month/Year: July 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	0.0123	0.0134	0.0144	0.0384		Y
2	0.0123	0.0129	0.0144	0.0422		Y
3	0.0123	0.0162	0.0145	0.04		Y
4	0.0123	0.0141	0.0143	0.0452		Y
5	0.0123	0.0157	0.0143	0.0424		Y
6	0.0123	0.0158	0.0143	0.0376		Y
7	0.0123	0.0134	0.0145	0.0488		Y
8	0.0123	0.0135	0.0145	0.0372		Y
9	0.0123	0.0124	0.0143	0.0442		Y
10	0.0123	0.0143	0.0144	0.0396		Y
11	0.0123	0.0152	0.0142	0.048		Y
12	0.0123	0.0125	0.0143	0.0394		Y
13	0.0123	0.0124	0.0143	0.0454		Y
14	0.0123	0.0124	0.0143	0.0422		Y
15	0.0123	0.0132	0.0144	0.0568		Y
16	0.0123	0.0134	0.0144	0.0396		Y
17	0.0123	0.0145	0.0143	0.0418		Y
18	0.013	0.0151	0.0142	0.0406		Y
19	0.0138	0.0139	0.0143	0.0428		Y
20	0.0138	0.0139	0.0143	0.0408		Y
21	0.0138	0.0139	0.0143	0.0464		Y
22	0.0138	0.0146	0.0143	0.0476		Y
23	0.0138	0.0141	0.0168	0.0486		Y
24	0.0138	0.0156	0.0143	0.0446		Y
25	0.0138	0.0159	0.0143	0.0428		Y
26	0.0138	0.0139	0.0143	0.04		Y
27	0.0138	0.0139	0.0143	0.0434		Y
28	0.0138	0.0139	0.0144	0.0436		Y
29	0.0139	0.0145	0.0143	0.046		Y
30	0.0139	0.0153	0.0143	0.0452		Y
31	0.0138	0.014	0.0143	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: 08/05/24

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	0.97	274	266	9.67	7.38	22	Y	7,559	8,020
2	1.08	273	295	8.49	7.35	24	Y	7,571	8,066
3	1.01	274	277	9.84	7.33	22	Y	7,564	8,018
4	1.06	272	289	9.24	7.32	23	Y	7,677	8,013
5	0.93	272	253	10.57	7.35	21	Y	7,700	8,020
6	1.1	273	301	10.09	7.3	22	Y	7,617	8,008
7	1.06	271	287	10.58	7.27	21	Y	7,689	8,025
8	1.06	271	288	11.2	7.25	20	Y	7,721	8,026
9	1.11	272	302	10.37	7.29	21	Y	7,692	8,012
10	1.14	272	310	10.18	7.33	22	Y	7,711	8,013
11	1.13	272	307	9.82	7.33	22	Y	7,705	8,022
12	1.13	273	309	10.31	7.31	21	Y	7,626	8,035
13	1.14	272	310	9.93	7.28	22	Y	7,697	8,028
14	1.12	273	306	10.06	7.25	21	Y	7,680	8,018
15	1.07	274	293	11.29	7.32	20	Y	7,648	8,017
16	1.11	272	302	9.63	7.31	22	Y	7,597	8,017
17	1.05	273	287	11.34	7.32	20	Y	7,664	8,021
18	1.03	273	281	11.19	7.29	20	Y	7,658	8,049
19	1.07	273	292	10.56	7.24	20	Y	7,607	8,025
20	1.07	274	293	10.66	7.26	20	Y	7,626	8,034
21	1.02	273	279	11.35	7.23	19	Y	7,643	8,039
22	1.09	270	294	10.13	7.3	21	Y	7,627	8,067
23	1.11	272	302	9.52	7.33	23	Y	7,699	8,028
24	1.07	274	293	10.02	7.28	21	Y	7,578	8,021
25	1.06	272	288	9.52	7.37	23	Y	7,627	8,037
26	1.05	274	287	9.96	7.32	22	Y	7,545	8,042
27	1.05	289	303	9.01	7.36	23	Y	7,513	8,004
28	1.11	275	305	8.95	7.3	23	Y	7,539	8,040
29	1.09	283	308	9.08	7.35	23	Y	7,567	8,023
30	1.07	274	294	10.02	7.33	22	Y	7,512	8,026
31	1.03	273	281	10.62	7.3	21	Y	7,528	8,040

♦ 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