

Membrane Filter Monthly Operating Report

County: Deschutes

System Name: City of Bend

Month/Year: August 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	0.0139	0.0153	0.0144	0.0384		Y
2	0.0138	0.014	0.0143	0.0394		Y
3	0.0138	0.014	0.0143	0.0406		Y
4	0.0139	0.014	0.0143	0.048		Y
5	0.0139	0.0146	0.0151	0.0474		Y
6	0.0139	0.014	0.0143	0.0458		Y
7	0.0138	0.0159	0.0144	0.0458		Y
8	0.0138	0.0148	0.0144	0.0498		Y
9	0.0139	0.014	0.0145	0.0458		Y
10	0.0139	0.014	0.0144	0.046		Y
11	0.0138	0.014	0.0143	0.0442		Y
12	0.0139	0.0145	0.0143	0.0424		Y
13	0.0139	0.0146	0.0145	0.044		Y
14	0.0139	0.0151	0.0145	0.0452		Y
15	0.0139	0.0163	0.0143	0.0466		Y
16	0.0139	0.0141	0.0143	0.0498		Y
17	0.0139	0.0141	0.0144	0.0498		Y
18	0.0139	0.014	0.0145	0.0522		Y
19	0.0139	0.0146	0.0144	0.0434		Y
20	0.0143	0.0153	0.0144	0.0492		Y
21	0.0149	0.0151	0.0144	0.0482		Y
22	0.0149	0.0165	0.0144	0.0452		Y
23	0.0147	0.0151	0.0144	0.0504		Y
24	0.0147	0.015	0.0144	0.0524		Y
25	0.0148	0.0151	0.0145	0.043		Y
26	0.0149	0.0158	0.0143	0.054		Y
27	0.015	0.0151	0.0143	0.0476		Y
28	0.0148	0.0159	0.0144	0.0518		Y
29	0.0149	0.0152	0.0144	0.0466		Y
30	0.015	0.0152	0.0144	0.0378		Y
31	0.0151	0.0152	0.0144	0.048		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: 09/05/24

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	1.04	272	283	9.89	7.34	22	Y	7,634	8,082
2	1.11	273	303	10.12	7.37	22	Y	7,637	8,045
3	1.08	274	296	10.29	7.39	22	Y	7,612	8,034
4	1.08	272	294	9.88	7.33	22	Y	7,650	8,032
5	1.12	273	306	10.01	7.32	22	Y	7,589	8,069
6	1.12	273	306	9.41	7.34	23	Y	7,623	8,037
7	1.13	272	308	9.63	7.36	23	Y	7,562	8,045
8	1.11	274	304	10.25	7.44	22	Y	7,580	8,027
9	1.14	272	311	9.89	7.39	23	Y	7,589	8,014
10	1.17	274	320	9.45	7.34	23	Y	7,545	8,046
11	1.13	272	307	9.85	7.32	22	Y	7,606	8,016
12	1.15	274	315	9.24	7.36	23	Y	7,549	8,051
13	1.12	274	307	9.16	7.39	24	Y	7,515	8,018
14	1.13	276	312	10.26	7.41	22	Y	7,498	8,022
15	1.13	274	310	10.14	7.39	22	Y	7,521	8,068
16	1.11	279	310	9.84	7.37	22	Y	7,448	8,097
17	1.06	274	290	10.94	7.36	21	Y	7,573	8,038
18	1.07	275	294	10.61	7.38	21	Y	7,490	8,044
19	1.09	274	299	9.7	7.31	22	Y	7,552	8,037
20	1.12	274	306	9.79	7.14	21	Y	7,580	8,060
21	1.08	274	296	10.16	7.52	23	Y	7,518	8,055
22	1.16	275	319	9.63	7.46	24	Y	7,481	8,086
23	0.91	275	250	9.79	7.42	22	Y	7,503	8,054
24	0.91	276	251	9.79	7.42	22	Y	7,409	8,054
25	1.2	274	329	9.17	7.43	24	Y	7,528	8,071
26	1.09	273	297	9.38	7.56	25	Y	7,560	8,046
27	1.07	273	292	9.79	7.56	24	Y	7,560	8,044
28	1.07	273	292	9.79	7.56	24	Y	7,561	8,044
29	1.07	274	293	8.93	7.53	25	Y	7,479	8,050
30	1.08	281	303	8.72	7.6	26	Y	7,479	8,049
31	1.04	273	284	9.82	7.57	24	Y	7,569	8,045

♦ 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