

OHA - Drinking Water Services - Turbidity Monitoring Report Form: Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

Water system information

System Name: Portland Water Bureau
ID #: OR 4100657
County: Multnomah

Report information

Month/Year: 03/2026
Water treatment plant (WTP): WTP- A
Type: Unfiltered system

Data table: Turbidity readings at compliance times

DAY	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Daily Reading (NTU)
1	0.42	0.41	0.42	0.43	0.43	0.42	0.43
2	0.39	0.38	0.37	0.38	0.38	0.37	0.39
3	0.41	0.41	0.41	0.38	0.37	0.38	0.41
4	0.37	0.37	0.35	0.35	0.36	0.36	0.37
5	0.36	0.33	0.33	0.34	0.35	0.36	0.36
6	0.36	0.36	0.35	0.36	0.36	0.35	0.36
7	0.37	0.35	0.36	0.33	0.36	0.36	0.37
8	0.35	0.36	0.34	0.32	0.33	0.34	0.36
9	0.32	0.33	0.32	0.33	0.33	0.32	0.33
10	0.33	0.34	0.34	0.34	0.33	0.34	0.34
11	0.33	0.33	0.33	0.33	0.33	0.32	0.33
12	0.32	0.33	0.37	0.42	0.41	0.58	0.58
13	0.74	1.15	1.38	1.12	1.01	1.05	1.38
14	1.10	1.41	1.97	2.29	3.04	2.75	3.04
15	2.74	2.59	2.53	2.38	2.40	2.57	2.74
16	2.51	2.48	2.45	2.35	2.37	2.46	2.51
17	2.41	2.36	2.28	2.27	2.24	2.21	2.41
18	2.16	2.09	2.10	2.09	2.14	2.17	2.17
19	2.10	2.00	2.01	2.01	2.08	2.10	2.10
20	2.03	2.00	2.00	2.04	2.06	2.00	2.06
21	1.98	2.06	2.05	1.95	1.94	2.03	2.06
22	1.95	1.79	1.76	1.80	1.94	1.92	1.95
23	1.79	1.73	1.75	1.74	1.80	1.83	1.83
24	1.74	1.70	1.69	1.68	1.72	1.77	1.77
25	1.73	1.69	1.67	1.57	1.61	1.65	1.73
26	1.46	1.45	1.45	1.42	1.41	1.45	1.46
27	1.37	1.32	1.31	1.25	1.32	1.37	1.37
28	1.31	1.35	1.35	1.33	1.37	1.37	1.37
29	1.31	1.31	1.33	1.31	1.28	1.27	1.33
30	1.28	1.25	1.26	1.24	1.17	1.21	1.28
31	1.20	1.15	1.17	1.14	1.14	1.16	1.20

Data table: Monthly summary

Filtered systems only: 95% of daily turbidity readings ≤ 1 NTU?	All daily turbidity readings ≤ 5 NTU?	Chlorine contact times met everyday?	Chlorine residual at entry point always ≥ 0.2 mg/L?	Chlorine residual measured in 95% of distribution samples?
N/A	Yes	Yes	Yes	Yes

Signature: Anna Vosa
 Anna Vosa, P.E.

Date: 4/8/26

OHA - Drinking Water Services

Surface Water Quality Data Conduit 2

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 03/2026

Date / Time	Peak Hourly Flow	Hourly Average Free Chlorine during Peak	Contact Time (T)	Actual CT	Temp	pH	Req'd CT	CT Met?	Min. Hourly Average Total Chlorine at First User
	MGD	ppm or mg/L	min.	C x T	°C		Tables	Y/N	ppm or mg/L
1 / 4	39.06	2.27	290.8	658.9	5.5	6.65	145.6	Y	2.19
2 / 11	45.12	2.29	252.1	576.2	5.5	6.64	145.5	Y	2.14
3 / 13	45.58	2.21	249.7	551.1	5.7	6.67	144.4	Y	2.12
4 / 16	45.20	2.27	251.6	572.4	5.4	6.65	146.4	Y	2.20
5 / 11	46.20	2.23	246.3	548.6	5.5	6.64	145.3	Y	2.17
6 / 0	38.40	2.20	286.1	630.8	5.7	6.64	143.2	Y	2.16
7 / 17	37.43	2.21	303.6	672.1	5.8	6.65	143.3	Y	2.17
8 / 20	42.42	2.25	268.1	604.0	5.6	6.62	143.2	Y	2.20
9 / 12	46.77	2.27	243.2	551.1	5.7	6.62	142.4	Y	2.20
10 / 22	46.31	2.25	245.7	551.8	5.9	6.63	141.9	Y	2.19
11 / 23	46.69	2.27	243.5	552.2	5.7	6.61	142.5	Y	2.22
12 / 21	46.85	2.19	243.0	532.0	6.0	6.63	140.5	Y	2.24
13 / 6	46.75	2.17	243.2	528.6	5.8	6.59	139.5	Y	2.19
14 / 14	46.71	2.23	243.6	543.2	6.0	6.49	133.2	Y	2.23
15 / 13	46.72	2.27	243.5	552.0	6.0	6.42	130.9	Y	2.28
16 / 16	46.70	2.32	243.6	564.4	6.0	6.39	130.0	Y	2.30
17 / 2	46.66	2.33	243.6	568.1	6.0	6.35	128.5	Y	2.19
18 / 6	42.57	2.19	267.2	586.4	6.3	6.37	125.6	Y	2.19
19 / 5	39.93	2.24	284.7	637.2	6.5	6.36	124.5	Y	2.25
20 / 0	39.58	2.27	287.4	651.8	6.4	6.35	125.0	Y	2.25
21 / 23	41.83	2.26	272.1	614.2	6.3	6.33	124.8	Y	2.22
22 / 0	41.83	2.26	271.9	615.2	6.4	6.33	124.2	Y	2.24
23 / 0	41.38	2.23	274.6	612.6	6.6	6.35	123.2	Y	2.23
24 / 4	41.02	2.25	277.0	623.8	6.6	6.37	123.8	Y	2.20
25 / 7	40.96	2.26	277.5	628.0	6.5	6.37	124.8	Y	2.18
26 / 21	40.98	2.18	277.3	604.8	6.9	6.42	123.6	Y	2.12
27 / 4	41.00	2.14	277.2	594.4	7.2	6.43	121.2	Y	2.11
28 / 8	41.52	2.25	274.4	617.8	7.0	6.42	122.9	Y	2.22
29 / 0	41.46	2.28	274.4	626.4	7.0	6.38	122.2	Y	2.21
30 / 6	41.40	2.30	274.4	630.4	6.9	6.42	124.2	Y	2.20
31 / 7	41.39	2.21	274.5	606.2	7.6	6.47	121.2	Y	2.21

Notes for Conduit 2 (C2):

March 1 to 31, 2026: Conduit 2 in service from Headworks to Larson's Intertie; Conduit 2 feeding Conduit 3 at Larson's Intertie; Conduit 2 out of service from Larson's Intertie to Hudson's Intertie; Conduit 4 feeding Conduit 2 at Hudson's Intertie; Conduit 2 in service from Hudson's through Lusted and on to town.

Signature: Anna Vosa
 Anna Vosa, P.E., Water Quality Engineer

Date: 4/8/26

OHA - Drinking Water Services

Surface Water Quality Data Conduit 3

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 03/2026

Date / Time	Peak Hourly Flow	Hourly Average Free Chlorine during Peak	Contact Time (T)	Actual CT	Temp	pH	Req'd CT	CT Met?	Min. Hourly Average Total Chlorine at First User
	MGD	ppm or mg/L	min.	C x T	°C		Tables	Y/N	ppm or mg/L
1 / 21	41.58	2.23	220.8	491.6	5.6	6.71	148.1	Y	2.23
2 / 0	41.14	2.25	223.5	502.4	5.6	6.71	148.5	Y	2.18
3 / 9	35.49	2.16	258.8	560.1	5.8	6.72	146.1	Y	2.15
4 / 16	35.44	2.28	259.4	590.3	5.4	6.70	149.4	Y	2.24
5 / 5	35.85	2.28	256.6	585.2	5.4	6.68	148.5	Y	2.26
6 / 4	33.91	2.24	271.0	606.5	5.8	6.69	145.8	Y	2.23
7 / 4	33.54	2.28	274.5	625.6	5.8	6.69	145.8	Y	2.21
8 / 1	32.25	2.23	285.1	637.2	5.8	6.68	145.2	Y	2.23
9 / 14	36.54	2.21	252.1	556.7	5.8	6.69	145.4	Y	2.21
10 / 22	36.43	2.23	252.6	564.3	5.9	6.68	144.2	Y	2.21
11 / 9	36.47	2.23	252.3	563.2	6.0	6.68	143.6	Y	2.24
12 / 7	31.74	2.22	289.8	644.5	5.9	6.65	142.3	Y	2.20
13 / 4	31.74	2.16	289.7	625.7	5.8	6.66	142.8	Y	2.16
14 / 9	31.69	2.25	290.0	651.3	6.0	6.55	136.5	Y	2.20
15 / 7	31.69	2.27	290.2	657.7	5.9	6.47	133.0	Y	2.25
16 / 11	31.68	2.28	290.3	663.3	6.0	6.42	130.5	Y	2.25
17 / 9	32.13	2.26	286.3	645.7	6.2	6.41	129.0	Y	2.22
18 / 6	31.93	2.20	288.2	635.0	6.3	6.42	127.4	Y	2.25
19 / 0	29.32	2.26	313.5	707.7	6.4	6.44	128.8	Y	2.30
20 / 5	29.09	2.29	316.2	723.1	6.5	6.40	126.4	Y	2.29
21 / 23	30.79	2.30	298.5	685.5	6.3	6.38	126.9	Y	2.29
22 / 23	35.44	2.22	259.5	576.4	6.5	6.40	125.5	Y	2.27
23 / 0	35.44	2.22	259.5	576.9	6.6	6.40	125.1	Y	2.26
24 / 20	35.11	2.21	261.7	579.3	6.3	6.44	128.4	Y	2.20
25 / 7	35.05	2.26	262.1	593.2	6.5	6.42	126.8	Y	2.19
26 / 21	29.37	2.18	313.3	682.6	6.9	6.46	125.1	Y	2.16
27 / 2	29.38	2.15	313.1	673.3	7.2	6.45	122.4	Y	2.14
28 / 22	34.82	2.28	263.9	601.3	6.9	6.42	124.3	Y	2.24
29 / 23	34.87	2.27	263.7	598.1	6.8	6.46	126.5	Y	2.25
30 / 10	34.87	2.24	263.6	591.1	7.0	6.49	125.9	Y	2.23
31 / 1	34.82	2.17	263.8	571.6	7.4	6.49	122.3	Y	2.24

Notes for Conduit 3 (C3):

March 1 to 31, 2026: Conduit 3 out of service from Headworks to Larson's Intertie; Conduit 2 feeding Conduit 3 at Larson's Intertie; Conduit 3 in service from Larson's Intertie through Lusted and on to town.

Signature: Anna Vosa
 Anna Vosa, P.E., Water Quality Engineer

Date: 4/8/26

OHA - Drinking Water Services

Surface Water Quality Data Conduit 4

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 03/2026

Date / Time	Peak Hourly Flow	Hourly Average Free Chlorine during Peak	Contact Time (T)	Actual CT	Temp	pH	Req'd CT	CT Met?	Min. Hourly Average Total Chlorine at First User		
	MGD	ppm or mg/L	min.	C x T	°C		Tables	Y/N	ppm or mg/L		
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15				Conduit 4 out of service							
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											

Notes for Conduit 4 (C4):

March 1 to 31, 2026: Conduit 4 in service from Headworks to Hudsons; Conduit 4 feeding Conduit 2 at Hudsons Intertie; Conduit 4 out of service from Hudsons through Lusted and on to town.

Signature: Anna Vosa
 Anna Vosa, P.E., Water Quality Engineer

Date: 4/8/26

OHA Drinking Water Services Report Form: Raw Coliform Data (Unfiltered systems)

Water system information

System Name: Portland Water Bureau

ID #: OR 4100657

Report information

Month/Year: 03/2026

Sample location: active Headworks
Raw Water Intake (2P or 2PIS)

Data Table: Raw Water Coliform Results

Date	Fecal Coliform (CFU/100 mL)	Comments
3/1/2026	<1	-
3/2/2026	<1	-
3/3/2026	<1	-
3/4/2026	<1	-
3/5/2026	1	-
3/6/2026	1	-
3/7/2026	1	-
3/8/2026	1	-
3/9/2026	<1	-
3/10/2026	<1	-
3/11/2026	<1	-
3/12/2026	<1	-
3/13/2026	2	-
3/14/2026	2	-
3/15/2026	4	-
3/16/2026	2	-
3/17/2026	2	-
3/18/2026	2	-
3/19/2026	1	-
3/20/2026	2	-
3/21/2026	<1	-
3/22/2026	1	-
3/23/2026	1	-
3/24/2026	2	-
3/25/2026	2	-
3/26/2026	<1	-
3/27/2026	<1	-
3/28/2026	1	-
3/29/2026	1	-
3/30/2026	<1	-
3/31/2026	<1	-

Data Table: Six Month Summary

Date range	Total no. of fecal coliform samples	No. fecal coliform samples >20 CFU/100 mL	Percent of fecal coliform samples >20 CFU/100 mL
10/1/25-3/31/26	174	0	0%