

# OHA - Drinking Water Services - Turbidity Monitoring Report Form

**County: Multnomah**

Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

**Portland Water Bureau**

**ID #: OR 4100657**

**WTP-A**

**Month/Year: 12/2025**

DAY	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	12PM (NTU)	4 PM (NTU)	8 PM (NTU)	Highest Reading (NTU)
1	0.32	0.32	0.32	0.32	0.33	0.32	<b>0.33</b>
2	0.31	0.31	0.31	0.32	0.32	0.31	<b>0.32</b>
3	0.31	0.32	0.30	0.31	0.30	0.32	<b>0.32</b>
4	0.32	0.32	0.32	0.31	0.32	0.32	<b>0.32</b>
5	0.31	0.32	0.33	0.33	0.33	0.33	<b>0.33</b>
6	0.33	0.72	0.73	0.69	0.77	0.79	<b>0.79</b>
7	0.74	0.70	0.69	0.67	0.65	0.63	<b>0.74</b>
8	0.60	0.59	0.57	0.56	0.57	0.58	<b>0.60</b>
9	0.62	0.65	0.87	0.99	1.21	1.57	<b>1.57</b>
10	1.68	1.62	1.85	2.30	2.46	2.83	<b>2.83</b>
11	3.00	2.61	2.60	2.77	2.83	2.73	<b>3.00</b>
12	2.72	2.78	2.85	2.88	2.88	2.90	<b>2.90</b>
13	2.96	2.80	2.78	2.75	2.83	2.83	<b>2.96</b>
14	2.78	2.76	2.73	2.73	2.69	2.62	<b>2.78</b>
15	2.60	2.60	2.57	2.51	2.48	2.55	<b>2.60</b>
16	2.57	2.55	2.46	2.48	2.51	2.50	<b>2.57</b>
17	2.51	2.26	2.26	2.27	2.21	2.05	<b>2.51</b>
18	1.99	1.94	1.95	1.94	1.94	1.65	<b>1.99</b>
19	1.64	2.98					<b>2.98</b>
20							
21							
22	<b>Bull Run not in use: Supply is 100% Groundwater</b>						
23							
24							
25							
26				3.28	3.15	2.89	<b>3.28</b>
27	2.94	2.95	2.95	2.96	2.95	2.98	<b>2.98</b>
28	2.94	2.87	2.85	2.85	2.87	2.89	<b>2.94</b>
29	2.87	2.88	2.84	2.81	2.78	2.71	<b>2.88</b>
30	2.66	2.65	2.67	2.67	2.65	2.62	<b>2.67</b>
31	2.61	2.58	2.56	2.52	2.49	2.50	<b>2.61</b>

Slow Sand/Membrane/DE Filtration/Unfiltered			Monthly summary	
95% of daily turbidity readings ≤ 1 NTU? <sup>1</sup>	<b>N/A</b>	CT's met everyday?	Chlorine residual at entry point always ≥ 0.2 mg/L?	Chlorine residual measured in 95% of distribution samples?
All daily turbidity readings ≤ 5 NTU?	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

<sup>1</sup>Filtered systems only

Signature:   
 Anna Vosa, P.E.

Date: 1/8/26

# OHA - Drinking Water Services

## Surface Water Quality Data Conduit 2

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 12/2025

Date / Time	Peak Hourly Flow	Minimum Hourly Average Free Chlorine (C)	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 / 22	24.57	2.54	236.7	601.3	8.5	6.51	120.6	Y	2.50
2 / 7	24.66	2.51	235.9	591.7	8.5	6.52	120.6	Y	2.52
3 / 19	24.79	2.51	233.1	584.2	8.2	6.51	122.0	Y	2.51
4 / 0	24.71	2.49	234.8	583.8	8.2	6.51	121.4	Y	2.51
5 / 5	24.63	2.50	235.9	590.1	8.2	6.50	122.1	Y	2.51
6 / 5	24.23	2.47	239.7	591.0	8.1	6.49	120.9	Y	2.49
7 / 3	24.26	2.55	239.5	610.1	8.1	6.43	120.6	Y	2.53
8 / 2	24.24	2.42	239.5	579.8	8.0	6.42	118.5	Y	2.44
9 / 2	22.01	2.42	262.8	635.7	8.2	6.39	116.7	Y	2.31
10 / 11	21.63	2.54	267.0	678.3	8.5	6.26	110.9	Y	2.49
11 / 5	21.27	2.53	271.4	687.4	8.6	6.17	106.4	Y	2.49
12 / 20	22.01	2.54	262.9	668.8	8.7	6.12	103.9	Y	2.53
13 / 11	22.03	2.56	262.8	672.7	8.7	6.11	103.7	Y	2.53
14 / 4	22.04	2.52	262.8	662.3	8.7	6.09	102.8	Y	2.47
15 / 5	21.45	2.54	269.1	683.1	8.7	6.20	107.3	Y	2.47
16 / 19	25.74	2.59	226.3	585.5	8.6	6.21	108.5	Y	2.51
17 / 20	26.31	2.49	221.7	552.5	8.7	6.27	108.9	Y	2.41
18 / 14	26.29	2.46	221.7	544.6	8.7	6.27	108.8	Y	2.45
19 / 3	20.47	2.59	289.7	750.9	8.6	6.27	111.7	Y	2.47
20									
21									
22	<b>Conduit 2 Out of Service: Supply is 100% Groundwater</b>								
23									
24									
25									
26 / 16	21.92	0.69	261.6	180.6	7.4	6.76	116.9	Y	0.74
27 / 0	21.52	2.61	263.9	688.4	7.4	6.35	123.4	Y	2.52
28 / 4	21.05	2.53	269.2	680.1	7.4	6.28	119.4	Y	2.47
29 / 23	20.78	2.54	273.0	693.7	7.0	6.30	122.8	Y	2.48
30 / 23	20.79	2.56	272.6	699.0	6.8	6.31	125.2	Y	2.50
31 / 19	20.85	2.50	272.2	681.5	6.8	6.31	124.2	Y	2.47

**Notes for Conduit 2 (C2):**

December 1 to 19, 2025: Conduit 2 out of service from Headworks to Hudsons Intertie; Conduit 4 feeding Conduit 2 at Hudsons Intertie, Conduit 2 in service from Hudsons through Lusted and on to town.

December 20 to 25, 2025: Conduit 2 out of service from Headworks through Lusted and on to town.

December 26 to 31, 2025: Conduit 2 out of service from Headworks to Hudsons Intertie; Conduit 4 feeding Conduit 2 at Hudsons Intertie, Conduit 2 in service from Hudsons through Lusted and on to town.

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

Date: 1/8/26

# OHA - Drinking Water Services

## Surface Water Quality Data Conduit 3

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 12/2025

Date / Time	Peak Hourly Flow	Minimum Hourly Average Free Chlorine (C)	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 / 20	19.04	2.53	516.4	1307.0	8.5	6.47	118.8	Y	2.47
2 / 19	19.22	2.51	512.0	1285.1	8.5	6.49	119.6	Y	2.43
3 / 17	19.14	2.53	514.3	1300.6	8.2	6.47	120.8	Y	2.44
4 / 18	19.22	2.49	511.6	1273.9	8.2	6.48	120.3	Y	2.40
5 / 5	19.23	2.48	511.6	1269.6	8.2	6.48	120.6	Y	2.37
6 / 9	18.78	2.43	524.1	1273.4	8.1	6.46	119.4	Y	2.33
7 / 4	18.79	2.48	523.9	1299.3	8.1	6.41	118.3	Y	2.38
8 / 22	18.77	2.42	524.2	1268.4	8.0	6.38	117.0	Y	2.29
9 / 14	18.77	2.39	524.1	1251.0	8.2	6.35	114.8	Y	2.29
10 / 9	18.53	2.40	531.5	1273.6	8.5	6.28	109.8	Y	2.29
11 / 5	18.24	2.49	539.3	1343.4	8.6	6.12	104.2	Y	2.33
12 / 23	18.78	2.54	524.4	1334.5	8.7	6.06	101.4	Y	2.41
13 / 3	18.79	2.52	524.1	1323.1	8.7	6.06	101.3	Y	2.38
14 / 7	18.78	2.56	524.0	1339.3	8.7	6.04	101.1	Y	2.41
15 / 13	18.38	2.56	535.1	1369.2	8.7	6.15	105.3	Y	2.40
16 / 19	18.33	2.59	537.1	1393.5	8.6	6.18	107.5	Y	2.13
17 / 17	24.18	2.20	406.7	894.1	8.7	6.21	104.0	Y	2.37
18 / 19	23.39	2.47	420.1	1036.3	8.7	6.17	105.2	Y	2.42
19 / 0	17.75	2.39	554.1	1321.7	8.6	6.13	103.6	Y	2.31
20									
21									
22	<b>Conduit 3 Out of Service: Supply is 100% Groundwater</b>								
23									
24									
25									
26 / 12	19.67	0.91	500.8	456.3	7.5	6.29	101.3	Y	0.73
27 / 0	18.23	2.57	539.8	1387.3	7.4	6.25	118.5	Y	2.47
28 / 2	17.93	2.58	548.5	1417.5	7.4	6.27	119.9	Y	2.48
29 / 9	17.70	2.54	555.9	1410.7	7.0	6.25	120.6	Y	2.16
30 / 4	17.70	2.56	556.2	1423.9	6.8	6.28	123.5	Y	2.52
31 / 11	17.64	2.53	558.0	1411.5	6.8	6.33	125.4	Y	2.54

**Notes for Conduit 3 (C3):**

December 1 to 19, 2025: Conduit 3 in service from Headworks through Lusted and on to town.

December 20 to 25, 2025: Conduit 3 out of service from Headworks through Lusted and on to town.

December 26 to 31, 2025: Conduit 3 in service from Headworks through Lusted and on to town.

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

Date: 1/8/26

# OHA - Drinking Water Services

## Surface Water Quality Data Conduit 4

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 12/2025

Date / Time	Peak Hourly Flow	Minimum Hourly Average Free Chlorine (C)	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 / 22	36.97	2.53	244.6	619.5	8.5	6.43	117.2	Y	2.50
2 / 6	37.12	2.50	243.8	609.1	8.5	6.44	117.2	Y	2.49
3 / 16	37.30	2.52	241.0	607.1	8.2	6.45	119.7	Y	2.49
4 / 1	37.15	2.49	242.8	605.7	8.2	6.44	118.7	Y	2.48
5 / 5	37.06	2.50	243.9	609.5	8.2	6.42	118.8	Y	2.51
6 / 0	36.54	2.45	247.5	606.3	8.1	6.41	118.0	Y	2.49
7 / 10	36.54	2.53	247.5	624.9	8.1	6.35	116.9	Y	2.51
8 / 5	36.49	2.47	247.6	610.4	8.0	6.33	115.7	Y	2.44
9 / 0	33.52	2.44	270.5	660.9	8.2	6.31	113.6	Y	2.44
10 / 19	33.01	2.56	274.6	703.7	8.5	6.13	105.7	Y	2.51
11 / 8	32.49	2.56	279.0	713.4	8.6	6.10	104.1	Y	2.51
12 / 16	33.42	2.58	270.9	698.5	8.7	6.01	99.9	Y	2.52
13 / 4	33.47	2.59	270.7	701.6	8.7	6.00	99.6	Y	2.52
14 / 10	33.45	2.55	270.7	689.6	8.7	6.00	99.3	Y	2.52
15 / 16	32.76	2.56	276.7	708.0	8.7	6.19	107.0	Y	2.52
16 / 17	38.64	2.60	234.2	609.1	8.6	6.20	108.4	Y	2.55
17 / 19	39.16	2.27	230.1	522.6	8.7	6.26	106.4	Y	2.43
18 / 11	39.23	2.44	229.9	561.0	8.7	6.24	107.5	Y	2.34
19 / 3	29.09	2.58	305.8	789.9	8.6	6.25	110.7	Y	2.36
20									
21									
22	<b>Conduit 4 Out of Service: Supply is 100% Groundwater</b>								
23									
24									
25									
26 / 18	34.43	1.16	266.2	308.0	7.4	6.15	99.3	Y	0.88
27 / 1	34.31	2.61	267.1	696.9	7.4	6.26	119.5	Y	2.47
28 / 4	33.77	2.51	271.7	682.8	7.4	6.22	116.6	Y	2.44
29 / 6	33.32	2.52	275.7	695.0	7.0	6.24	119.7	Y	2.45
30 / 23	33.24	2.54	275.5	701.1	6.8	6.28	123.5	Y	2.47
31 / 16	33.36	2.54	275.1	698.4	6.8	6.25	122.1	Y	2.44

**Notes for Conduit 4 (C4):**

December 1 to 19, 2025: Conduit 4 in service from Headworks through Lusted and on to town; Conduit 4 feeding Conduit 2 at Hudsons Intertie.

December 20 to 25, 2025: Conduit 4 out of service from Headworks through Lusted and on to town.

December 26 to 31, 2025: Conduit 4 in service from Headworks through Lusted and on to town; Conduit 4 feeding Conduit 2 at Hudsons Intertie.

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

Date: 1/8/26

## OHA Drinking Water Services - Raw Coliform Data (Unfiltered)

Portland Water Bureau

ID#: OR 4100657

Month/Year: 12/2025

Date	Fecal Coliform (CFU/100mL)	Comments
12/1/2025	1	
12/2/2025	2	
12/3/2025	1	
12/4/2025	1	
12/5/2025	<1	
12/6/2025	1	
12/7/2025	4	
12/8/2025	1	
12/9/2025	2	
12/10/2025	4	
12/11/2025	4	
12/12/2025	7	
12/13/2025	6	
12/14/2025	5	
12/15/2025	4	
12/16/2025	1	
12/17/2025	4	
12/18/2025	5	
12/19/2025	4	
12/20/2025		100% Groundwater
12/21/2025		100% Groundwater
12/22/2025		100% Groundwater
12/23/2025		100% Groundwater
12/24/2025		100% Groundwater
12/25/2025		100% Groundwater
12/26/2025	2	
12/27/2025	2	
12/28/2025	3	
12/29/2025	2	
12/30/2025	1	
12/31/2025	2	

Note: Fecal Coliform sampled at active Headworks Raw Water Intake (either 2P or 2PIS)

**Six Month Summary:**

# of Samples For Fecal Coliform:	175
# of Samples > 20 CFU/100mL:	0
Percent:	0.0%