

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Oct-25

System Name:	WILSONVILLE, CITY OF			ID#: 41	00954	WTP-: WTP-H	
Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day ¹ [NTU]
1	0.025	0.024	0.028	0.030	0.052	0.040	0.05
2	0.026	0.023	0.034	0.027	0.025	0.025	0.03
3	0.026	0.025	0.027	0.027	0.027	0.024	0.03
4	0.025	0.025	0.026	0.025	0.024	0.023	0.03
5	0.022	0.022	0.021	0.022	0.021	0.032	0.03
6	0.032	0.029	0.029	0.026	0.027	0.040	0.04
7	0.045	0.033	0.030	0.034	0.028	0.041	0.05
8	0.047	0.039	0.033	0.027	0.032	0.046	0.05
9	0.053	0.046	0.038	0.036	0.038	0.038	0.05
10	0.046	0.042	0.042	0.058	0.036	0.037	0.06
11	0.038	0.038	0.035	0.036	0.037	0.038	0.04
12	0.042	0.036	0.035	0.034	0.037	0.047	0.05
13	0.050	0.042	0.032	0.036	0.036	0.038	0.05
14	0.051	0.046	0.034	0.033	0.030	0.030	0.05
15	0.044	0.034	0.029	0.030	0.029	0.029	0.04
16	0.034	0.049	0.042	0.035	0.037	0.044	0.05
17	0.039	0.046	0.042	0.036	0.037	0.041	0.05
18	0.045	0.034	0.037	0.038	0.036	0.035	0.05
19	0.036	0.042	0.048	0.041	0.040	0.040	0.05
20	0.046	0.044	0.049	Plant Off	0.045	0.042	0.05
21	0.045	0.045	0.046	0.048	0.052	0.036	0.05
22	0.038	0.037	0.031	0.030	0.034	0.034	0.04
23	0.035	0.036	0.037	0.034	Plant Off	0.036	0.04
24	0.031	0.035	Plant Off	0.043	0.030	0.032	0.04
25	0.035	0.033	0.026	0.022	0.025	0.024	0.04
26	0.021	0.021	0.021	0.020	0.027	0.026	0.03
27	0.023	0.023	0.023	0.024	Plant Off	0.024	0.02
28	0.024	0.025	Plant Off	0.027	0.038	0.034	0.04
29	0.031	0.032	0.036	0.039	0.030	0.039	0.04
30	0.040	0.042	0.032	Plant Off	0.044	0.033	0.04
31	0.032	0.026	0.024	0.025	0.023	0.023	0.03

Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of daily turbidity readings $\leq$ 0.3 NTU?

Yes / No

All daily turbidity readings $\leq$ 1 NTU?

Yes / No

All turbidity readings $<$ IFE² triggers

Yes / No

CT's met everyday?
(see back)

Yes / No

All Cl₂ residual at entry point
 $\geq$ 0.2 mg/l?

Yes / No

Notes:

PRINTED NAME: Kimberleigh Reid

SIGNATURE: *Kimberleigh Reid*

CERT#

PHONE #: (503) 582-9655

T-371621

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² IFE = Indiv. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: WILSONVILLE, CITY OF ID#: 41 00954 Month/Year: Oct-25						WTP - : WTP-H		
						Disinfection <i>Giardia</i> Log Inactiv: 0.5		
Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.16	84	97.6	18.1	7.85	15.4	Yes	4905
2	1.15	93	107.7	17.7	7.93	16.3	Yes	4506
3	1.14	97	110.9	17.2	7.93	16.9	Yes	4273
4	1.14	109	124.7	17.0	8.01	17.7	Yes	3816
5	0.91	112	102.1	16.9	7.93	16.8	Yes	3716
6	0.92	104	94.9	17.0	7.88	16.4	Yes	4021
7	0.91	88	79.5	17.1	7.89	16.3	Yes	4765
8	0.90	113	101.5	17.3	8.03	16.9	Yes	3716
9	0.93	80	74.2	17.0	7.86	16.3	Yes	5112
10	0.89	100	89.2	16.6	7.84	16.6	Yes	4126
11	0.90	116	104.2	16.1	7.93	17.7	Yes	3517
12	0.94	153	144.4	15.7	7.93	18.3	Yes	2641
13	0.92	135	124.0	15.3	7.85	18.1	Yes	2966
14	0.87	86	74.8	14.9	7.97	19.3	Yes	4672
15	0.84	86	71.8	14.5	8.00	20.0	Yes	4673
16	0.89	113	100.2	14.3	7.95	20.1	Yes	3601
17	0.85	98	83.3	14.1	7.93	20.0	Yes	4209
18	0.95	95	90.5	14.0	7.91	20.3	Yes	4173
19	0.89	110	97.0	14.0	7.95	20.4	Yes	3758
20	0.88	83	72.7	14.2	8.03	20.7	Yes	4542
21	0.71	134	94.9	14.4	8.07	20.4	Yes	3054
22	0.94	96	90.2	14.5	8.03	20.5	Yes	4191
23	0.94	123	115.6	14.5	8.02	20.4	Yes	3300
24	0.91	103	94.2	14.3	8.02	20.6	Yes	4013
25	0.93	101	94.3	14.3	8.01	20.6	Yes	3847
26	0.92	146	134.2	14.1	8.06	21.2	Yes	2721
27	0.94	123	116.2	13.7	7.96	21.0	Yes	3441
28	0.90	65	58.6	13.3	8.02	22.0	Yes	6220
29	0.92	126	115.5	13.0	8.04	22.7	Yes	3232
30	0.89	89	79.3	12.9	8.02	22.6	Yes	4006
31	0.89	81	72.6	12.8	8.02	22.7	Yes	5036

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

Revised February 2012

SUPPLEMENTAL OZONE DATA

System Name: Wilsonville PWS ID# : 4100954 H Month/Year: OCT 2025								
Date	Ozone Contactor Applied Flow	Ozone Residual First Chamber	Sum CT Ozone Chambers	Crypto- sporidium Ozone Inactivation	Minimum Giardia Ozone Inactivation	Giardia Removal Credit for Conventional Filtration	Sum of Giardia Inactivation Clear Well + Ozone	Total Plant Giardia Log Reduction
	gpm	mg/L	C X T	Log	Log	Log	Log	
1	1613	0.36	3.61	0.8	3.0	2.5	4.4	6.9
2	1588	0.39	5.06	1.0	3.0	2.5	4.5	7.0
3	1707	0.39	4.32	0.8	3.0	2.5	4.6	7.1
4	1470	0.40	5.43	1.0	3.0	2.5	5.4	7.9
5	1636	0.41	5.50	1.1	3.0	2.5	4.9	7.4
6	1498	0.39	4.27	0.8	3.0	2.5	4.8	7.3
7	1504	0.32	4.63	0.9	3.0	2.5	4.5	7.0
8	1486	0.33	4.65	0.9	3.0	2.5	4.9	7.4
9	1831	0.37	5.63	1.1	3.0	2.5	4.4	6.9
10	1404	0.37	5.88	1.1	3.0	2.5	4.7	7.2
11	1303	0.37	6.89	1.2	3.0	2.5	5.0	7.5
12	1247	0.38	7.48	1.3	3.0	2.5	5.7	8.2
13	1332	0.37	7.13	1.2	3.0	2.5	5.4	7.9
14	1841	0.43	6.78	1.1	3.0	2.5	4.5	7.0
15	1455	0.41	6.86	1.1	3.0	2.5	4.4	6.9
16	1207	0.37	6.79	1.0	3.0	2.5	4.9	7.4
17	1327	0.39	6.79	1.0	3.0	2.5	4.6	7.1
18	1573	0.43	7.18	1.0	3.0	2.5	4.7	7.2
19	1320	0.39	7.11	1.0	3.0	2.5	4.8	7.3
20	1298	0.38	6.54	1.0	3.0	2.5	4.4	6.9
21	1273	0.38	6.77	1.0	3.0	2.5	4.8	7.3
22	1600	0.43	7.46	1.1	3.0	2.5	4.7	7.2
23	1191	0.38	6.53	1.0	3.0	2.5	5.2	7.7
24	1168	0.32	5.92	0.9	3.0	2.5	4.7	7.2
25	1473	0.31	4.31	0.6	3.0	2.5	4.7	7.2
26	1222	0.37	6.85	1.0	3.0	2.5	5.6	8.1
27	1232	0.38	7.09	1.0	3.0	2.5	5.2	7.7
28	1532	0.40	5.92	0.8	3.0	2.5	4.1	6.6
29	1149	0.36	6.20	0.8	3.0	2.5	4.8	7.3
30	971	0.37	6.87	0.9	3.0	2.5	4.5	7.0
31	1718	0.47	8.12	1.1	3.0	2.5	4.4	6.9