

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Dec-24

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 <sup>1</sup> [NTU]
1	0.028	0.027	0.035	0.025	0.024	0.023	0.04
2	0.028	0.023	0.027	0.036	0.031	0.033	0.04
3	0.049	0.034	0.034	0.033	0.030	0.033	0.05
4	0.044	0.048	0.036	0.038	0.037	0.033	0.05
5	0.049	0.046	0.041	0.035	0.032	0.029	0.05
6	0.031	0.031	0.036	0.033	0.033	0.033	0.04
7	0.035	0.023	0.027	0.031	0.029	0.032	0.04
8	0.040	0.021	0.023	0.026	0.025	0.025	0.04
9	0.026	0.044	0.024	0.023	0.024	0.038	0.04
10	0.040	0.028	0.025	0.032	0.030	0.032	0.04
11	0.038	0.028	0.029	0.027	0.024	0.025	0.04
12	0.023	0.021	0.025	0.028	0.024	0.024	0.03
13	0.025	0.022	0.025	0.022	0.023	0.023	0.03
14	0.023	0.031	0.027	0.028	0.035	0.027	0.04
15	0.031	0.029	0.031	0.025	0.030	0.025	0.03
16	0.028	0.027	0.029	0.044	0.036	0.037	0.04
17	0.034	0.060	0.042	0.046	0.052	0.033	0.06
18	0.035	0.043	0.042	Plant Off	0.047	0.037	0.05
19	0.058	0.051	0.044	Plant Off	0.025	0.026	0.06
20	0.029	0.025	0.025	0.024	0.024	0.022	0.03
21	0.024	0.024	0.024	0.024	0.024	0.023	0.02
22	0.029	0.023	0.022	0.025	0.021	0.022	0.03
23	0.025	0.026	Plant Off	0.022	0.022	0.022	0.03
24	0.033	0.038	0.025	0.024	0.021	0.026	0.04
25	0.031	0.037	0.026	0.023	0.023	0.026	0.04
26	0.025	Plant Off	0.025	0.035	0.034	Plant Off	0.04
27	0.025	0.027	0.035	0.055	0.062	0.058	0.06
28	0.039	0.035	0.032	0.042	0.032	0.028	0.04
29	0.028	0.027	0.037	0.031	0.030	0.028	0.04
30	0.026	0.026	0.030	0.029	0.030	0.030	0.03
31	0.049	0.034	0.034	0.033	0.030	0.033	0.05

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
All daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No		
All turbidity readings < IFE <sup>2</sup> triggers <input checked="" type="radio"/> Yes <input type="radio"/> No		

Notes:	PRINTED NAME: Kimberleigh Reid	
	SIGNATURE: <i>Kimberleigh Reid</i>	CERT#
	PHONE #: (503) 582-9655	T-371621

<sup>1</sup> 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. <sup>2</sup> IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - :	WTP-H
Disinfection <i>Giardia</i> Log Inactiv:	0.5

System Name:	WILSONVILLE, CITY OF	ID#: 41	00954	Month/Year:	Dec-24
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Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	0.49	116	57.3	8.4	7.69	25.9	Yes	3445
2	0.43	149	63.4	7.9	7.80	27.5	Yes	2833
3	0.81	135	109.3	7.5	8.14	33.4	Yes	2994
4	1.09	131	143.0	7.1	8.03	34.2	Yes	2865
5	1.17	134	157.3	6.8	7.95	34.3	Yes	2943
6	1.16	132	153.8	6.6	7.97	34.8	Yes	2947
7	1.12	134	149.7	6.5	7.97	35.0	Yes	2960
8	1.16	135	156.5	6.5	7.88	33.9	Yes	2749
9	1.33	152	202.7	6.6	7.94	35.2	Yes	2713
10	1.34	157	210.4	6.9	8.06	36.0	Yes	2831
11	0.96	128	122.9	7.4	8.10	33.9	Yes	3261
12	0.95	126	119.5	7.4	8.00	32.7	Yes	3338
13	0.90	167	150.7	7.3	7.98	32.4	Yes	2526
14	0.88	131	115.6	7.2	7.98	32.4	Yes	3261
15	0.86	117	100.5	7.3	7.93	31.6	Yes	3540
16	0.89	137	122.3	7.7	8.07	32.6	Yes	3011
17	0.95	151	143.4	8.0	8.07	32.0	Yes	2697
18	1.06	116	123.3	8.2	8.01	31.2	Yes	3548
19	0.98	111	108.5	8.8	8.03	30.0	Yes	3655
20	0.99	118	117.5	9.4	7.98	28.3	Yes	3452
21	0.99	153	150.5	9.7	7.90	27.0	Yes	2771
22	0.99	127	126.1	9.6	8.10	29.2	Yes	3009
23	1.02	136	138.7	9.5	7.96	28.0	Yes	2881
24	0.96	151	145.1	9.5	7.94	27.7	Yes	2676
25	1.01	185	187.6	9.4	7.97	28.4	Yes	2328
26	1.00	158	157.9	9.3	7.98	28.5	Yes	2504
27	0.95	97	92.6	9.3	7.91	27.7	Yes	4151
28	1.03	136	140.2	9.4	7.90	27.7	Yes	2981
29	1.07	169	180.2	9.6	7.90	27.5	Yes	2429
30	1.05	181	191.1	9.7	8.10	29.3	Yes	2405
31	1.10	142	156.2	9.4	8.11	30.0	Yes	2922

<sup>3</sup> If Cl<sub>2</sub> 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: <b>Wilsonville</b> PWS ID#: <b>4100954 H</b> Month/Year: <b>DEC 2024</b>								
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	1202	0.49	13.51	1.2	3.0	2.5	3.8	6.3
2	1134	0.46	13.52	1.1	3.0	2.5	3.9	6.4
3	1153	0.47	13.30	1.1	3.0	2.5	4.6	7.1
4	1253	0.49	13.07	1.0	3.0	2.5	5.7	8.2
5	1154	0.50	14.33	1.1	3.0	2.5	6.0	8.5
6	1116	0.50	14.96	1.1	3.0	2.5	5.8	8.3
7	1138	0.50	15.56	1.1	3.0	2.5	5.8	8.3
8	1269	0.51	14.45	1.1	3.0	2.5	6.0	8.5
9	1213	0.50	15.21	1.1	3.0	2.5	6.8	9.3
10	1137	0.45	12.49	0.9	3.0	2.5	7.0	9.5
11	1280	0.48	13.15	1.0	3.0	2.5	5.3	7.8
12	1192	0.47	13.70	1.1	3.0	2.5	5.3	7.8
13	1015	0.36	13.16	1.0	3.0	2.5	5.9	8.4
14	1174	0.29	9.71	0.8	3.0	2.5	5.3	7.8
15	1226	0.28	8.00	0.6	3.0	2.5	4.9	7.4
16	1085	0.27	7.57	0.6	3.0	2.5	5.3	7.8
17	1078	0.36	9.85	0.8	3.0	2.5	5.7	8.2
18	1204	0.46	10.36	0.9	3.0	2.5	5.3	7.8
19	1335	0.46	9.53	0.9	3.0	2.5	5.1	7.6
20	1185	0.45	12.80	1.2	3.0	2.5	5.2	7.7
21	1116	0.43	13.40	1.3	3.0	2.5	5.9	8.4
22	1299	0.43	11.84	1.1	3.0	2.5	5.4	7.9
23	1127	0.37	10.57	1.0	3.0	2.5	5.6	8.1
24	1213	0.36	10.47	1.0	3.0	2.5	5.7	8.2
25	931	0.34	11.78	1.1	3.0	2.5	6.5	9.0
26	1055	0.33	9.42	0.9	3.0	2.5	6.1	8.6
27	1303	0.48	12.98	1.2	3.0	2.5	4.8	7.3
28	1183	0.48	14.25	1.4	3.0	2.5	5.7	8.2
29	1002	0.39	12.73	1.2	3.0	2.5	5.9	8.4
30	952	0.37	12.14	1.2	3.0	2.5	6.6	9.1
31	1205	0.43	11.89	1.1	3.0	2.5	6.0	8.5