

OHA - Drinking Water Program -Turbidity Monitoring Report Form

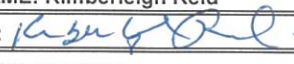
County: Clackamas

Conventional or Direct Filtration

Month/Year: Jan-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	0.031	0.034	0.041	0.039	0.032	0.032	0.04
2	0.031	0.031	0.031	0.033	0.031	0.029	0.03
3	0.029	0.030	0.030	0.041	0.034	0.039	0.04
4	0.038	0.035	0.040	0.047	0.043	0.038	0.05
5	0.038	0.035	0.051	0.052	0.039	0.040	0.05
6	0.031	0.030	0.037	0.037	0.032	0.037	0.04
7	0.037	0.043	0.044	0.054	0.041	0.037	0.05
8	0.037	0.039	0.034	0.036	0.035	0.032	0.04
9	0.033	0.033	0.031	0.031	0.032	0.022	0.03
10	0.020	0.019	0.021	0.026	0.022	0.024	0.03
11	0.026	0.027	0.025	0.025	0.029	0.025	0.03
12	0.021	0.022	0.023	0.022	0.023	0.023	0.02
13	0.027	0.028	0.021	0.019	0.019	0.024	0.03
14	0.024	0.025	0.024	0.026	0.024	0.026	0.03
15	0.026	0.028	0.023	0.027	0.025	0.020	0.03
16	0.027	0.027	0.025	0.039	0.050	0.044	0.05
17	0.035	0.033	0.035	0.038	0.042	0.026	0.04
18	0.025	0.023	0.025	0.031	0.033	0.025	0.03
19	0.027	0.027	0.031	0.039	0.034	0.028	0.04
20	0.030	0.034	0.035	0.039	0.053	0.050	0.05
21	0.061	0.061	0.036	0.035	0.055	0.031	0.06
22	0.031	0.032	0.031	0.032	0.036	0.040	0.04
23	0.044	0.034	0.032	0.025	0.027	0.027	0.04
24	0.024	0.028	0.030	0.028	0.029	0.026	0.03
25	0.026	0.026	0.026	0.036	0.035	0.034	0.04
26	0.032	0.020	0.019	0.021	0.024	0.033	0.03
27	0.026	0.024	0.031	0.028	0.023	0.022	0.03
28	0.021	0.027	0.030	0.025	0.021	0.054	0.05
29	0.028	0.033	0.018	0.032	0.023	0.018	0.03
30	0.022	0.025	0.019	0.021	0.019	0.017	0.03
31	0.017	0.018	0.020	0.028	0.020	0.021	0.03

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 ² triggers <input checked="" type="radio"/> Yes / <input type="radio"/> No		

Notes:	PRINTED NAME: Kimberleigh Reid	
	SIGNATURE: 	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 = Individ. Filter Eff. (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: Jan-25		WTP - : Disinfection <i>Giardia</i> Log Inactiv: 0.5		WTP-H 0.5	
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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	0.99	149	146.5	9.1	8.11	30.5	Yes	2638
2	0.98	147	144.1	8.8	8.16	31.4	Yes	2609
3	0.94	182	171.9	8.8	8.18	31.7	Yes	2162
4	0.98	150	147.3	8.8	8.22	32.1	Yes	2765
5	0.99	132	130.5	9.0	8.15	30.9	Yes	3246
6	1.01	178	178.7	9.3	8.17	30.7	Yes	2353
7	0.90	148	133.9	9.3	8.08	29.2	Yes	2625
8	0.90	133	119.4	9.2	8.13	30.0	Yes	2902
9	1.01	176	178.7	8.9	8.15	31.4	Yes	2214
10	1.02	112	114.4	8.6	7.90	29.2	Yes	3355
11	0.98	129	126.6	8.5	7.91	29.3	Yes	3012
12	0.98	192	187.8	8.5	7.88	29.1	Yes	2117
13	0.98	201	197.1	8.5	7.83	28.6	Yes	1991
14	0.96	113	107.9	8.2	7.83	29.0	Yes	3380
15	0.85	119	101.1	7.9	7.86	29.5	Yes	3320
16	0.94	158	148.4	7.7	7.89	30.6	Yes	2534
17	0.75	109	82.1	7.5	7.89	30.3	Yes	3658
18	1.00	103	103.1	7.3	8.02	33.2	Yes	3853
19	0.93	155	143.9	7.2	7.95	32.3	Yes	2760
20	0.98	142	139.4	6.9	7.99	33.7	Yes	2709
21	1.02	153	155.7	6.6	8.02	34.9	Yes	2470
22	0.99	112	110.5	6.3	7.94	34.6	Yes	3445
23	0.98	140	137.0	6.2	8.03	35.9	Yes	2800
24	0.99	99	97.7	6.2	7.98	35.3	Yes	3952
25	0.95	125	119.0	6.2	7.99	35.2	Yes	3143
26	0.97	100	97.5	6.1	8.02	36.1	Yes	3896
27	0.94	152	143.9	5.9	8.30	40.2	Yes	2529
28	0.95	137	130.1	5.8	8.28	40.3	Yes	2931
29	0.98	148	144.6	5.7	8.07	37.7	Yes	2638
30	0.98	161	157.4	5.6	8.03	37.4	Yes	2492
31	0.95	109	103.9	5.6	7.99	36.8	Yes	3462

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: JAN 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	1159	0.44	12.78	1.2	3.0	2.5	5.0	7.5
2	1134	0.47	14.45	1.3	3.0	2.5	5.1	7.6
3	892	0.40	14.87	1.3	3.0	2.5	5.5	8.0
4	1071	0.40	12.73	1.2	3.0	2.5	5.8	8.3
5	1363	0.46	12.53	1.2	3.0	2.5	5.5	8.0
6	1058	0.42	13.56	1.3	3.0	2.5	6.3	8.8
7	1027	0.38	12.27	1.2	3.0	2.5	5.5	8.0
8	1186	0.42	12.80	1.2	3.0	2.5	5.3	7.8
9	990	0.37	13.26	1.2	3.0	2.5	6.4	8.9
10	1209	0.37	11.76	1.0	3.0	2.5	5.2	7.7
11	1085	0.39	13.78	1.2	3.0	2.5	5.4	7.9
12	930	0.37	14.99	1.3	3.0	2.5	6.6	9.1
13	939	0.41	14.25	1.2	3.0	2.5	6.7	9.2
14	1381	0.55	12.83	1.1	3.0	2.5	5.1	7.6
15	1318	0.55	13.71	1.1	3.0	2.5	4.9	7.4
16	1069	0.20	11.77	1.0	3.0	2.5	5.8	8.3
17	1044	0.20	11.52	0.9	3.0	2.5	4.6	7.1
18	1325	0.59	15.30	1.2	3.0	2.5	5.0	7.5
19	1101	0.52	15.66	1.2	3.0	2.5	5.7	8.2
20	1075	0.47	14.27	1.1	3.0	2.5	5.6	8.1
21	978	0.47	14.68	1.1	3.0	2.5	6.0	8.5
22	1387	0.61	16.11	1.1	3.0	2.5	5.1	7.6
23	1032	0.53	18.14	1.3	3.0	2.5	5.6	8.1
24	1260	0.49	14.62	1.0	3.0	2.5	4.8	7.3
25	1109	0.47	14.85	1.0	3.0	2.5	5.2	7.7
26	1400	0.53	14.56	1.0	3.0	2.5	4.9	7.4
27	1079	0.51	17.03	1.2	3.0	2.5	5.7	8.2
28	1297	0.54	15.71	1.1	3.0	2.5	5.5	8.0
29	1059	0.47	15.87	1.1	3.0	2.5	5.3	7.8
30	1100	0.46	15.57	1.0	3.0	2.5	6.0	8.5
31	1303	0.48	14.56	1.0	3.0	2.5	5.0	7.5