

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Dec-23

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	0.033	0.027	0.041	0.041	0.035	0.032	0.04
2	0.029	0.030	0.034	0.031	0.032	0.030	0.03
3	0.030	0.032	0.029	0.030	0.031	0.037	0.04
4	0.034	0.038	0.023	0.023	0.029	0.030	0.04
5	Plant Off	0.073	0.030	Plant Off	0.030	Plant Off	0.07
6	Plant Off	0.027	0.028	0.044	0.045	0.047	0.05
7	Plant Off	0.041	0.042	0.056	0.029	0.035	0.06
8	0.038	0.036	0.037	0.042	0.044	0.041	0.04
9	0.039	0.037	0.039	0.036	0.034	0.042	0.04
10	0.045	0.048	0.036	0.049	0.037	0.040	0.05
11	0.037	0.042	0.037	0.033	0.035	0.034	0.04
12	0.037	0.043	0.037	0.036	0.033	0.050	0.05
13	0.042	0.040	Plant Off	Plant Off	0.040	0.037	0.04
14	0.055	0.053	0.048	0.048	0.048	0.049	0.06
15	0.046	0.049	0.053	0.063	0.053	0.051	0.06
16	0.048	0.056	0.040	0.041	0.037	0.036	0.06
17	0.046	0.039	0.042	0.035	0.035	0.043	0.05
18	0.044	0.041	0.022	0.025	0.025	0.023	0.04
19	0.036	0.031	0.033	0.031	0.021	0.038	0.04
20	0.038	0.027	Plant Off	Plant Off	0.030	0.024	0.04
21	0.020	0.028	0.026	0.025	0.030	0.028	0.03
22	0.027	0.024	0.027	0.024	0.027	0.029	0.03
23	0.031	0.030	0.026	0.027	0.023	0.026	0.03
24	0.023	0.026	0.040	0.027	0.025	0.040	0.04
25	0.024	0.025	0.022	0.024	0.024	0.033	0.03
26	0.033	0.036	0.029	0.040	0.031	0.042	0.04
27	0.029	0.031	0.033	0.026	0.028	0.030	0.03
28	0.027	0.032	0.033	0.029	0.026	0.025	0.03
29	0.029	0.031	0.031	0.031	0.042	0.035	0.04
30	0.039	0.033	0.034	0.034	0.032	0.028	0.04
31	0.030	0.032	0.029	0.030	0.031	0.037	0.04

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: <i>Kimberleigh Reid</i>	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 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: Dec-23		WTP - : Disinfection <i>Giardia</i> Log Inactiv:		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	1.05	136	142.1	6.7	7.82	32.4	Yes	3068
2	1.08	148	160.0	6.8	7.85	32.7	Yes	2679
3	0.98	135	132.1	7.1	7.87	31.8	Yes	3206
4	1.07	187	199.5	7.9	7.93	31.1	Yes	2334
5	0.93	140	130.2	8.9	7.95	28.9	Yes	2936
6	0.96	93	89.6	9.9	7.97	27.2	Yes	3995
7	0.89	96	84.8	11.1	7.90	24.4	Yes	3992
8	0.95	126	119.2	10.8	7.89	24.9	Yes	3061
9	0.97	153	148.5	10.1	7.90	26.2	Yes	2695
10	0.97	159	154.6	9.6	7.90	27.2	Yes	2610
11	0.94	150	141.0	9.5	7.88	27.1	Yes	2917
12	0.96	142	135.4	9.5	7.86	26.8	Yes	3105
13	0.96	132	126.0	9.9	7.85	26.1	Yes	3233
14	1.00	127	127.2	9.6	7.91	27.3	Yes	3046
15	0.98	112	110.3	9.3	7.86	27.4	Yes	3563
16	0.97	158	153.8	9.0	7.87	27.8	Yes	2515
17	1.04	166	172.7	8.7	7.86	28.6	Yes	2411
18	1.00	156	157.2	8.5	7.86	29.0	Yes	2554
19	1.03	111	114.0	8.3	7.92	29.9	Yes	3857
20	0.99	117	115.8	8.3	7.73	27.9	Yes	3692
21	1.18	135	158.4	8.4	7.78	28.8	Yes	2912
22	1.01	145	146.9	8.8	7.81	27.8	Yes	2699
23	1.01	145	146.7	9.1	7.79	27.0	Yes	2713
24	0.97	123	118.8	8.7	7.76	27.4	Yes	3488
25	1.03	206	211.3	8.4	7.78	28.4	Yes	2070
26	0.93	117	108.4	8.2	7.79	28.5	Yes	3628
27	0.97	148	143.6	8.2	7.82	29.0	Yes	3024
28	1.02	133	135.2	8.4	7.87	29.3	Yes	3012
29	1.00	144	144.5	8.9	7.87	28.3	Yes	2703
30	0.99	126	124.5	9.2	7.83	27.2	Yes	3014
31	0.98	160	157.9	9.5	7.87	27.0	Yes	2520

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: Dec 2023								
Date	Ozone Contactor Applied Flow	Ozone Residual First Chamber	Sum CT Ozone Chambers	Cryptosporidium 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	1192	0.65	12.47	0.9	3.0	2.5	5.0	7.5
2	1166	0.71	14.08	1.1	3.0	2.5	5.3	7.8
3	1301	0.76	13.31	1.0	3.0	2.5	4.9	7.4
4	1127	0.63	10.63	0.9	3.0	2.5	6.8	9.3
5	885	0.62	7.99	0.7	3.0	2.5	5.5	8.0
6	1326	0.68	7.14	0.7	3.0	2.5	4.7	7.2
7	1747	0.84	8.35	0.9	3.0	2.5	4.6	7.1
8	1404	0.80	10.36	1.1	3.0	2.5	5.3	7.8
9	1220	0.72	10.82	1.1	3.0	2.5	5.8	8.3
10	1185	0.59	9.59	0.9	3.0	2.5	5.9	8.4
11	1212	0.62	9.75	0.9	3.0	2.5	5.7	8.2
12	1224	0.66	10.57	1.0	3.0	2.5	5.6	8.1
13	1021	0.70	9.70	1.0	3.0	2.5	5.4	7.9
14	1283	0.67	11.12	1.1	3.0	2.5	5.5	8.0
15	1352	0.70	11.06	1.0	3.0	2.5	5.1	7.6
16	1051	0.54	10.69	1.0	3.0	2.5	5.9	8.4
17	1014	0.57	11.68	1.0	3.0	2.5	6.3	8.8
18	1018	0.52	10.85	0.9	3.0	2.5	6.0	8.5
19	1542	0.85	13.03	1.1	3.0	2.5	5.2	7.7
20	972	0.61	9.56	0.8	3.0	2.5	5.2	7.7
21	1198	0.69	12.66	1.1	3.0	2.5	6.0	8.5
22	1049	0.60	11.90	1.1	3.0	2.5	5.8	8.3
23	1348	0.69	11.35	1.1	3.0	2.5	5.8	8.3
24	1118	0.73	14.36	1.3	3.0	2.5	5.2	7.7
25	903	0.60	13.75	1.2	3.0	2.5	6.9	9.4
26	1416	0.77	12.29	1.0	3.0	2.5	5.1	7.6
27	1071	0.53	10.25	0.9	3.0	2.5	5.7	8.2
28	1128	0.63	11.53	1.0	3.0	2.5	5.6	8.1
29	1085	0.60	10.23	0.9	3.0	2.5	5.3	7.8
30	1267	0.66	10.92	1.0	3.0	2.5	5.4	7.9
31	1102	0.47	8.42	0.8	3.0	2.5	6.0	8.5