

OHA - Drinking Water Program -Turbidity Monitoring Report Form


County: Clackamas

Conventional or Direct Filtration

Month/Year: Oct-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 ¹ [NTU]
1	0.023	0.023	0.029	0.028	0.026	0.024	0.03
2	0.024	0.024	0.044	0.035	0.026	0.022	0.04
3	0.027	0.026	0.028	0.030	0.024	0.023	0.03
4	0.023	0.031	0.031	0.043	0.028	0.027	0.04
5	0.030	0.028	0.030	0.037	0.039	0.037	0.04
6	0.035	0.029	0.029	0.029	0.027	0.030	0.04
7	0.032	0.033	0.029	0.028	0.030	0.033	0.03
8	0.029	0.045	0.027	0.027	0.027	0.032	0.05
9	0.023	0.026	0.025	0.029	0.031	0.060	0.06
10	0.027	0.032	0.027	0.029	0.033	0.028	0.03
11	0.023	0.022	0.040	0.052	0.032	0.027	0.05
12	0.032	0.034	0.045	0.033	0.035	0.032	0.05
13	0.044	0.042	0.032	0.029	0.035	0.038	0.04
14	0.039	0.039	0.036	0.038	0.038	0.036	0.04
15	0.037	0.034	0.037	0.034	0.033	0.052	0.05
16	0.038	0.037	0.028	0.026	0.030	0.030	0.04
17	0.030	0.030	0.036	0.031	0.033	0.029	0.04
18	0.030	0.029	0.057	0.041	0.037	0.035	0.06
19	0.038	0.033	0.031	0.029	0.029	0.029	0.04
20	Plant Off	Plant Off	0.031	0.025	0.026	0.027	0.03
21	0.026	0.028	0.024	0.026	0.027	0.031	0.03
22	0.032	0.035	Plant Off	Plant Off	0.029	0.031	0.04
23	0.036	0.052	0.027	0.026	0.025	0.041	0.05
24	0.039	0.035	0.032	0.035	0.034	0.030	0.04
25	0.029	0.027	0.028	0.032	0.027	0.026	0.03
26	0.028	0.026	0.027	0.026	0.027	0.035	0.04
27	0.049	0.054	0.029	0.035	0.031	0.029	0.05
28	0.025	0.025	0.028	0.027	0.034	0.023	0.03
29	0.023	0.022	Plant Off	Plant Off	Plant Off	0.025	0.03
30	Plant Off	0.024	0.023	Plant Off	0.026	0.025	0.03
31	0.027	0.026	0.028	0.030	0.024	0.023	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 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-24		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 [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? ³ Yes / No	Peak Hourly Demand Flow [GPM]
1	1.07	63	67.5	17.4	7.97	16.8	Yes	6309
2	1.03	86	88.9	17.3	8.04	17.3	Yes	5016
3	1.05	77	80.6	17.0	8.08	17.9	Yes	5252
4	0.95	72	68.2	16.5	8.13	18.6	Yes	5427
5	1.02	89	90.2	16.2	8.11	19.0	Yes	4408
6	1.00	103	102.7	15.8	8.12	19.6	Yes	3798
7	0.98	95	92.8	15.6	8.08	19.4	Yes	4227
8	0.96	83	80.2	15.5	7.88	18.1	Yes	5031
9	1.00	61	61.3	15.8	7.95	18.4	Yes	6514
10	0.96	80	76.8	16.1	7.98	18.2	Yes	4854
11	0.98	88	86.4	16.3	7.94	17.7	Yes	4980
12	1.00	103	103.8	16.4	7.96	17.8	Yes	3631
13	1.03	116	119.9	16.1	7.86	17.5	Yes	3553
14	1.03	94	97.4	16.0	8.03	18.8	Yes	4062
15	1.03	101	103.6	16.0	8.07	18.9	Yes	4167
16	0.98	109	107.6	16.2	8.05	18.5	Yes	3916
17	0.96	101	96.9	16.4	8.01	17.9	Yes	3949
18	0.96	117	112.7	16.1	7.94	17.9	Yes	3520
19	0.99	99	97.9	15.7	7.94	18.3	Yes	4109
20	0.98	126	123.6	15.4	7.99	19.1	Yes	3111
21	0.94	132	124.6	15.2	7.96	19.1	Yes	2938
22	1.03	93	96.3	15.1	7.96	19.4	Yes	3705
23	1.11	97	107.3	15.2	7.96	19.4	Yes	4144
24	1.00	112	112.1	14.7	8.08	20.7	Yes	3448
25	0.83	141	117.0	14.3	7.97	20.1	Yes	2849
26	0.98	144	141.4	14.1	7.86	19.9	Yes	2765
27	0.96	129	123.9	14.0	7.94	20.6	Yes	2968
28	0.97	110	107.3	14.0	7.91	20.3	Yes	3753
29	0.91	92	83.5	14.2	7.97	20.4	Yes	4381
30	0.73	97	70.4	14.6	7.97	19.4	Yes	4503
31	0.86	111	95.8	14.0	7.89	19.9	Yes	3620

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

SUPPLEMENTAL OZONE DATA

System Name: Wilsonville PWS ID#: 4100954 H Month/Year: OCT 2024								
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	2043	0.48	5.67	1.1	3.0	2.5	3.9	6.4
2	1857	0.48	6.00	1.2	3.0	2.5	4.3	6.8
3	1952	0.49	6.12	1.2	3.0	2.5	4.2	6.7
4	1952	0.50	6.33	1.2	3.0	2.5	4.3	6.8
5	1878	0.48	6.42	1.2	3.0	2.5	4.7	7.2
6	1693	0.47	6.91	1.2	3.0	2.5	4.9	7.4
7	1654	0.47	7.00	1.2	3.0	2.5	4.7	7.2
8	1814	0.49	7.00	1.2	3.0	2.5	4.5	7.0
9	1835	0.47	6.61	1.1	3.0	2.5	4.2	6.7
10	1872	0.44	5.73	1.0	3.0	2.5	4.5	7.0
11	1667	0.39	5.63	1.0	3.0	2.5	4.6	7.1
12	1606	0.40	5.73	1.0	3.0	2.5	5.0	7.5
13	1516	0.42	6.35	1.1	3.0	2.5	5.3	7.8
14	1866	0.44	5.67	1.0	3.0	2.5	4.9	7.4
15	1688	0.47	7.15	1.3	3.0	2.5	5.0	7.5
16	1509	0.46	7.62	1.4	3.0	2.5	5.0	7.5
17	1512	0.47	7.76	1.4	3.0	2.5	4.8	7.3
18	1435	0.46	7.95	1.4	3.0	2.5	5.1	7.6
19	1418	0.47	7.52	1.3	3.0	2.5	4.9	7.4
20	995	0.43	7.22	1.2	3.0	2.5	5.3	7.8
21	1415	0.47	8.84	1.4	3.0	2.5	5.4	7.9
22	1480	0.47	7.59	1.2	3.0	2.5	4.8	7.3
23	1636	0.47	7.60	1.2	3.0	2.5	5.0	7.5
24	1397	0.43	7.73	1.2	3.0	2.5	5.1	7.6
25	1200	0.52	11.28	1.7	3.0	2.5	5.2	7.7
26	1199	0.54	11.96	1.8	3.0	2.5	5.8	8.3
27	1270	0.54	11.31	1.6	3.0	2.5	5.4	7.9
28	1330	0.49	10.12	1.5	3.0	2.5	5.0	7.5
29	1158	0.29	7.99	1.2	3.0	2.5	4.3	6.8
30	1369	0.43	8.34	1.3	3.0	2.5	4.3	6.8
31	1273	0.47	9.68	1.4	3.0	2.5	4.8	7.3