

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Nov-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	0.029	0.028	0.032	0.045	0.031	0.038	0.05
2	0.037	0.035	0.034	0.030	0.045	0.046	0.05
3	0.035	0.033	0.035	0.034	0.038	0.043	0.04
4	0.041	0.039	0.034	0.032	0.035	0.060	0.06
5	0.047	0.040	0.036	Plant Off	0.030	0.026	0.05
6	0.021	0.024	0.022	0.022	0.028	0.029	0.03
7	0.028	0.026	0.023	0.040	0.025	0.022	0.04
8	0.023	0.021	0.028	0.032	0.031	0.034	0.03
9	0.038	0.038	0.025	0.025	0.025	0.025	0.04
10	0.032	0.034	0.033	0.031	0.034	0.043	0.04
11	0.053	0.068	0.057	Plant Off	0.052	0.048	0.07
12	0.047	0.056	0.048	0.022	0.020	0.029	0.06
13	0.035	0.053	0.043	0.039	0.037	0.027	0.05
14	0.023	0.024	0.025	0.021	0.023	0.022	0.03
15	0.020	0.021	0.026	0.023	0.033	0.032	0.03
16	0.028	0.027	0.029	0.032	0.032	0.031	0.03
17	0.030	0.028	0.030	Plant Off	0.050	0.041	0.05
18	0.029	0.027	0.028	0.033	0.029	0.035	0.04
19	0.034	0.034	0.033	0.039	0.038	0.040	0.04
20	0.045	0.046	Plant Off	0.048	0.027	Plant Off	0.05
21	0.024	0.029	0.027	0.034	0.038	0.028	0.04
22	0.030	0.028	0.029	0.030	0.026	0.020	0.03
23	0.027	0.020	0.023	0.028	0.027	0.025	0.03
24	0.040	0.037	0.027	0.034	0.029	0.030	0.04
25	0.034	0.030	0.027	0.026	0.028	0.033	0.03
26	0.040	0.043	0.028	0.027	0.026	0.026	0.04
27	0.034	0.041	0.031	0.029	0.027	0.024	0.04
28	0.026	0.032	0.024	0.024	0.025	0.024	0.03
29	0.024	0.026	0.027	0.024	0.024	0.024	0.03
30	0.025	0.026	0.035	0.027	0.025	0.029	0.04
31							0.00

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

System Name: WILSONVILLE, CITY OF						ID#: 41		00954		Month/Year: Nov-24		WTP - : Disinfection <i>Giardia</i> Log Inactiv:		WTP-H 0.5	
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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	0.91	108	98.4	13.3	7.89	20.9	Yes	3680
2	0.91	158	143.9	13.1	7.93	21.6	Yes	2615
3	0.92	158	145.3	12.7	7.89	21.8	Yes	2735
4	0.87	134	115.7	12.5	7.98	22.8	Yes	3239
5	0.87	138	120.9	12.3	7.88	22.2	Yes	2955
6	0.92	152	138.8	12.0	7.82	22.2	Yes	2776
7	0.83	91	75.3	11.8	7.80	22.2	Yes	4189
8	0.57	143	81.6	11.7	7.87	22.4	Yes	2921
9	0.88	163	143.5	11.5	7.84	23.2	Yes	2572
10	0.96	154	148.4	11.4	7.83	23.4	Yes	2634
11	0.88	126	110.9	11.4	7.88	23.6	Yes	3106
12	0.83	89	73.8	11.6	7.86	23.0	Yes	4348
13	0.93	144	133.7	11.8	7.86	23.0	Yes	2874
14	0.97	129	125.4	11.8	7.89	23.3	Yes	3123
15	0.78	110	85.3	11.4	7.90	23.5	Yes	3685
16	1.04	132	137.6	10.9	7.90	25.1	Yes	3071
17	0.80	113	89.8	10.6	7.84	24.4	Yes	3374
18	0.89	170	152.2	10.3	7.88	25.5	Yes	2481
19	0.83	104	85.5	9.9	7.92	26.3	Yes	3257
20	0.90	117	105.4	9.6	7.86	26.5	Yes	2994
21	0.78	129	101.1	9.5	7.88	26.6	Yes	3251
22	0.85	119	101.8	9.5	7.79	26.0	Yes	3452
23	0.76	126	95.0	9.6	7.84	25.9	Yes	3156
24	0.09	122	11.3	9.9	7.85	23.7	No	3045
25	0.93	120	111.4	10.0	7.87	26.0	Yes	3335
26	1.06	139	147.8	9.8	7.91	27.1	Yes	2880
27	0.85	143	122.3	9.8	7.77	25.3	Yes	2615
28	0.72	108	77.3	9.5	7.78	25.3	Yes	3829
29	1.05	179	188.3	9.2	7.71	26.2	Yes	2327
30	1.13	159	179.3	8.9	7.72	27.2	Yes	2556
31			0.0			4.2		

<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.

## SUPPLEMENTAL OZONE DATA

System Name: <b>Wilsonville</b> PWS ID#: <b>4100954 H</b> Month/Year: <b>NOV 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	1519	0.47	8.63	1.2	3.0	2.5	4.4	6.9
2	1053	0.45	10.92	1.5	3.0	2.5	5.1	7.6
3	1115	0.40	8.38	1.1	3.0	2.5	5.1	7.6
4	1285	0.44	8.51	1.1	3.0	2.5	5.2	7.7
5	1091	0.47	9.57	1.2	3.0	2.5	5.3	7.8
6	1202	0.52	12.15	1.5	3.0	2.5	5.6	8.1
7	1396	0.43	10.48	1.3	3.0	2.5	4.4	6.9
8	1279	0.40	10.31	1.2	3.0	2.5	4.5	7.0
9	1090	0.41	11.72	1.4	3.0	2.5	5.7	8.2
10	1138	0.00	0.00	0.0	3.0	2.5	5.8	8.3
11	1248	0.00	0.00	0.0	3.0	2.5	5.1	7.6
12	1295	0.13	6.09	0.7	3.0	2.5	4.4	6.9
13	1313	0.06	3.39	0.4	3.0	2.5	5.5	8.0
14	1138	0.02	3.92	0.5	3.0	2.5	4.4	6.9
15	1402	0.06	3.09	0.4	3.0	2.5	4.6	7.1
16	1270	0.00	0.00	0.0	3.0	2.5	4.6	7.1
17	1174	0.00	0.00	0.0	3.0	2.5	4.7	7.2
18	1097	0.08	5.37	0.6	3.0	2.5	5.9	8.4
19	1314	0.16	6.01	0.6	3.0	2.5	4.6	7.1
20	1207	0.39	7.71	0.7	3.0	2.5	5.0	7.5
21	1324	0.52	12.92	1.2	3.0	2.5	4.9	7.4
22	1311	0.51	11.47	1.1	3.0	2.5	4.9	7.4
23	1280	0.49	10.87	1.1	3.0	2.5	4.8	7.3
24	1236	0.47	10.63	1.1	3.0	2.5	4.5	7.0
25	1192	0.50	12.18	1.2	3.0	2.5	5.1	7.6
26	1215	0.52	12.97	1.3	3.0	2.5	4.4	6.9
27	1066	0.54	14.84	1.5	3.0	2.5	5.3	7.8
28	1254	0.55	13.78	1.3	3.0	2.5	4.5	7.0
29	1013	0.52	15.39	1.4	3.0	2.5	5.0	7.5
30	926	0.46	14.21	1.3	3.0	2.5	4.6	7.1
	0	0.00	0.00	0.0	0.0	0.0	0.0	0.0