

OHA - Drinking Water Program -Turbidity Monitoring Report Form  
Conventional or Direct Filtration

County: Clackamas  
Month/Year: Jan-22

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	0.030	0.031	0.032	0.032	0.030	0.027	0.03
2	0.031	0.037	0.032	0.032	0.027	0.029	0.04
3	0.029	0.024	0.024	0.035	0.029	0.027	0.04
4	0.032	0.029	0.036	0.031	0.036	0.039	0.04
5	0.036	0.037	0.047	0.049	0.059	0.058	0.06
6	0.051	0.079	0.062	0.088	0.066	0.049	0.09
7	0.052	0.049	0.044	0.035	0.037	0.055	0.06
8	0.044	0.033	0.033	0.033	0.037	0.032	0.04
9	0.031	0.031	0.029	0.030	0.042	0.042	0.04
10	0.031	0.031	0.030	0.025	0.024	0.022	0.03
11	0.027	0.027	0.030	0.027	0.025	0.025	0.03
12	0.029	0.039	0.035	0.033	Plant Off	0.027	0.04
13	0.028	0.027	0.027	0.025	0.033	0.028	0.03
14	0.025	0.026	0.029	0.030	0.033	0.035	0.04
15	0.034	0.030	0.033	0.034	0.033	0.034	0.03
16	0.032	0.031	0.033	0.035	0.035	0.033	0.04
17	0.037	0.026	0.029	0.028	0.030	0.030	0.04
18	0.034	0.036	0.034	0.035	0.034	0.039	0.04
19	0.038	0.037	0.040	0.037	0.043	0.038	0.04
20	0.039	0.049	0.032	0.032	0.029	0.027	0.05
21	0.028	0.031	0.027	0.031	0.034	0.027	0.03
22	0.030	0.028	0.037	0.033	0.031	0.028	0.04
23	0.032	Plant Off	0.032	0.041	0.032	0.039	0.04
24	0.042	0.050	0.039	0.033	Plant Off	0.042	0.05
25	0.041	0.037	0.037	0.032	0.034	0.033	0.04
26	0.039	0.031	0.028	0.031	0.032	0.034	0.04
27	0.041	0.048	0.036	0.029	0.027	0.037	0.05
28	0.026	0.032	0.035	0.025	0.026	0.035	0.04
29	0.028	0.028	0.030	0.040	0.041	0.043	0.04
30	0.030	0.035	0.025	0.028	0.027	0.027	0.04
31	0.027	0.030	0.028	0.026	0.026	0.025	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 <sup>2</sup> triggers <input checked="" type="radio"/> Yes <input type="radio"/> No		

Notes:	PRINTED NAME: Howard Hamilton	
	SIGNATURE: <i>Howard Hamilton</i>	2-1-2022
	PHONE #: (503) 582-9655	CERT #: T-09429

<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 Eff. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - : WTP-H

System Name:	WILSONVILLE, CITY OF	ID#: 41	00954	Month/Year:	Jan-22	Disinfection <i>Giardia</i> Log Inactiv:	0.5
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Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup> [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? <sup>3</sup> Yes / No	Peak Hourly Demand Flow [GPM]
1	0.91	124	112.3	6.4	7.73	31.6	Yes	3580
2	0.93	119	110.8	6.2	7.72	31.8	Yes	3512
3	0.99	113	112.3	6.2	7.71	32.0	Yes	3515
4	0.98	140	138.0	6.3	7.75	32.2	Yes	3127
5	0.93	123	114.6	6.6	7.79	31.7	Yes	3496
6	0.91	142	129.3	6.8	7.78	31.1	Yes	3154
7	0.97	147	142.9	7.3	7.80	30.6	Yes	3014
8	0.96	143	138.2	7.8	7.78	29.2	Yes	3212
9	0.93	126	117.5	8.3	7.80	28.3	Yes	3461
10	0.96	131	125.8	8.0	7.77	28.8	Yes	3449
11	0.94	136	127.0	7.8	7.88	30.3	Yes	3212
12	0.91	141	129.3	7.8	7.89	30.4	Yes	3190
13	0.94	151	141.2	8.0	7.82	29.2	Yes	3054
14	0.96	136	129.8	8.3	7.81	28.5	Yes	3272
15	0.96	121	116.0	8.3	7.83	28.9	Yes	3612
16	0.98	125	122.2	8.1	7.84	29.4	Yes	3517
17	0.94	168	157.1	7.9	7.82	29.4	Yes	2620
18	0.93	89	82.6	7.7	7.84	30.1	Yes	5141
19	0.90	118	105.9	7.6	7.84	30.1	Yes	3731
20	0.94	153	143.1	7.8	7.72	28.6	Yes	2935
21	0.94	142	134.1	8.0	7.75	28.6	Yes	3162
22	0.94	139	131.1	8.3	7.78	28.3	Yes	3278
23	0.98	150	146.1	8.2	7.75	28.3	Yes	3030
24	0.93	155	143.6	8.0	7.73	28.3	Yes	2915
25	0.93	114	105.9	7.3	7.81	30.6	Yes	3921
26	0.90	127	114.5	7.0	7.81	31.0	Yes	3503
27	0.94	109	102.2	6.8	7.79	31.4	Yes	4114
28	0.96	146	139.5	6.5	7.74	31.6	Yes	3020
29	0.94	100	93.3	6.3	7.75	32.0	Yes	4399
30	0.98	125	122.7	6.1	7.87	34.0	Yes	3427
31	0.98	137	133.8	6.1	7.86	33.9	Yes	3194

<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>January 2022</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	Sum of Giardia Inactivation Clear Well + Ozone	Total Plant Giardia Log Reduction
	gpm	mg/L	C X T	Log	Log	Log	Log	
1	1246	0.45	10.57	0.8	3.0	2.5	4.6	7.1
2	1208	0.46	11.82	0.8	3.0	2.5	4.6	7.1
3	1171	0.46	11.62	0.8	3.0	2.5	4.6	7.1
4	1179	0.46	11.17	0.8	3.0	2.5	5.6	8.1
5	1226	0.49	10.87	0.8	3.0	2.5	5.2	7.7
6	1268	0.49	10.99	0.8	3.0	2.5	5.4	7.9
7	1097	0.43	10.67	0.8	3.0	2.5	5.6	8.1
8	1070	0.45	11.57	1.0	3.0	2.5	5.6	8.1
9	1178	0.46	11.40	1.0	3.0	2.5	5.2	7.7
10	1217	0.44	11.16	0.9	3.0	2.5	5.4	7.9
11	1113	0.41	11.03	0.9	3.0	2.5	5.4	7.9
12	1207	0.45	10.56	0.9	3.0	2.5	5.5	8.0
13	1053	0.37	10.92	0.9	3.0	2.5	5.7	8.2
14	1137	0.37	10.25	0.9	3.0	2.5	5.5	8.0
15	1094	0.37	10.50	0.9	3.0	2.5	5.2	7.7
16	1236	0.41	10.60	0.9	3.0	2.5	5.3	7.8
17	924	0.36	11.69	1.0	3.0	2.5	6.0	8.5
18	1525	0.45	10.65	0.9	3.0	2.5	4.6	7.1
19	1228	0.39	10.40	0.8	3.0	2.5	5.0	7.5
20	1071	0.36	10.88	0.9	3.0	2.5	5.7	8.2
21	1143	0.38	11.06	0.9	3.0	2.5	5.5	8.0
22	1053	0.35	10.56	0.9	3.0	2.5	5.5	8.0
23	1042	0.38	11.37	1.0	3.0	2.5	5.8	8.3
24	852	0.35	10.27	0.9	3.0	2.5	5.7	8.2
25	1484	0.44	10.60	0.8	3.0	2.5	5.0	7.5
26	1199	0.40	11.43	0.9	3.0	2.5	5.2	7.7
27	1251	0.41	11.70	0.9	3.0	2.5	4.9	7.4
28	1107	0.37	11.46	0.8	3.0	2.5	5.6	8.1
29	1104	0.39	12.08	0.9	3.0	2.5	4.5	7.0
30	1143	0.39	12.31	0.9	3.0	2.5	5.3	7.8
31	1140	0.36	11.42	0.8	3.0	2.5	5.5	8.0