

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

County: **Clackamas**  
 Month/Year: **Feb-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	0.029	0.032	0.029	0.030	0.042	0.037	0.04
2	0.033	0.032	0.030	Plant Off	Plant Off	0.035	0.04
3	0.032	0.046	0.046	0.024	0.027	0.037	0.05
4	0.033	0.053	0.039	0.025	0.026	0.039	0.05
5	0.029	0.030	0.027	0.029	0.033	0.031	0.03
6	0.028	0.030	0.030	0.028	0.042	0.041	0.04
7	0.045	0.034	0.031	0.030	0.030	0.031	0.05
8	0.030	0.027	0.020	0.021	0.027	0.030	0.03
9	0.034	0.023	0.025	Plant Off	Plant Off	0.025	0.03
10	0.023	0.022	0.025	0.022	0.021	0.020	0.03
11	0.020	0.020	0.021	0.020	0.019	0.019	0.02
12	0.020	0.019	0.019	0.021	0.022	0.019	0.02
13	0.018	0.018	0.020	0.022	0.018	0.019	0.02
14	0.027	0.034	0.027	0.023	0.020	0.022	0.03
15	0.026	0.022	0.022	0.020	0.020	0.034	0.03
16	0.021	0.022	0.019	0.019	0.020	0.020	0.02
17	0.025	0.025	0.023	0.023	0.023	0.019	0.03
18	0.025	0.020	0.019	0.022	0.022	0.018	0.03
19	0.023	0.022	0.023	0.023	0.035	0.028	0.04
20	0.030	0.023	0.024	0.026	0.023	0.020	0.03
21	0.026	0.022	0.021	0.022	0.026	0.028	0.03
22	0.028	0.026	0.026	0.026	0.025	0.025	0.03
23	0.024	0.026	0.024	0.024	0.023	0.022	0.03
24	0.022	0.023	0.023	0.023	0.022	0.024	0.02
25	0.022	0.025	0.023	0.017	0.025	0.030	0.03
26	0.022	0.019	0.019	0.017	0.023	0.020	0.02
27	0.018	0.020	0.021	0.023	0.019	0.021	0.02
28	0.020	0.020	0.026	0.027	0.017	0.017	0.03
29							0.00
30							0.00
31							0.00

<b>Conventional or Direct Filtration</b>			<b>Monthly Summary (Answer Yes or No)</b>		
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 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	All Cl2 residual at entry point ≥ 0.2 mg/l?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

<b>Notes:</b>	<b>PRINTED NAME:</b> Howard Hamilton	
	<b>SIGNATURE:</b> <i>HJ Hamilton</i>	<b>3/2/2022</b>
	<b>PHONE #:</b> (503) 582-9655	<b>CERT #:</b> 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 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: Feb-22		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> [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	1.01	130	131.5	6.2	7.82	33.3	Yes	3368
2	0.90	71	64.2	6.5	7.73	31.3	Yes	4968
3	0.92	134	124.0	6.8	7.74	30.8	Yes	3356
4	0.98	141	137.8	7.1	7.76	30.6	Yes	3152
5	0.92	125	115.6	7.5	7.77	29.7	Yes	3647
6	0.99	154	152.8	7.7	7.85	30.4	Yes	2908
7	0.89	131	117.2	7.7	7.83	29.8	Yes	3451
8	0.95	130	123.4	7.7	7.81	29.7	Yes	3414
9	0.88	116	102.2	7.7	7.83	29.6	Yes	3548
10	0.89	120	107.2	7.9	7.83	29.4	Yes	3495
11	0.93	134	124.9	8.0	7.82	29.2	Yes	3304
12	0.89	112	99.6	8.3	7.81	28.4	Yes	4022
13	0.97	126	122.7	8.5	7.80	28.1	Yes	3411
14	0.95	153	145.6	8.7	7.73	27.0	Yes	2924
15	0.92	130	119.5	8.7	7.74	27.0	Yes	3309
16	0.92	115	105.6	8.7	7.75	27.2	Yes	3813
17	0.92	153	141.5	8.7	7.74	27.2	Yes	2952
18	0.97	134	129.9	8.7	7.76	27.5	Yes	3328
19	0.91	148	135.7	8.7	7.76	27.3	Yes	3106
20	0.94	122	115.0	8.7	7.79	27.7	Yes	3533
21	0.91	107	96.9	8.7	7.83	27.9	Yes	4036
22	0.92	135	124.0	8.4	7.83	28.5	Yes	3371
23	0.99	116	114.9	8.0	7.83	29.6	Yes	3835
24	0.94	156	147.0	7.3	7.81	30.5	Yes	2933
25	0.92	137	125.3	6.9	7.81	31.4	Yes	3215
26	0.94	155	145.5	6.4	7.76	32.1	Yes	2868
27	0.96	122	116.9	6.2	7.91	34.3	Yes	3522
28	0.94	159	150.2	6.2	7.84	33.3	Yes	2814
29			0.0			4.2		
30			0.0			4.2		
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>February 2022</b>								
Date	Ozone Contactor Applied Flow	Ozone Residual First Chamber	Sum CT Ozone Chambers	Crypto-sporidium Ozone Inactivation Log	Minimum Giardia Ozone Inactivation Log	Giardia Removal Credit for Conventional Log	Sum of Giardia Inactivation Clear Well + Ozone Log	Total Plant Giardia Log Reduction
	gpm	mg/L	C X T					
1	1118	0.36	11.31	0.8	3.0	2.5	4.8	7.3
2	1088	0.48	12.12	0.9	3.0	2.5	3.9	6.4
3	1177	0.51	15.37	1.1	3.0	2.5	4.8	7.3
4	1245	0.48	13.55	1.0	3.0	2.5	5.6	8.1
5	1202	0.46	14.02	1.1	3.0	2.5	5.2	7.7
6	1018	0.42	13.56	1.1	3.0	2.5	5.8	8.3
7	1287	0.46	13.08	1.1	3.0	2.5	5.2	7.7
8	1095	0.40	12.89	1.1	3.0	2.5	5.3	7.8
9	1117	0.50	12.09	1.0	3.0	2.5	4.9	7.4
10	1089	0.44	15.11	1.3	3.0	2.5	5.0	7.5
11	1137	0.44	14.90	1.2	3.0	2.5	5.4	7.9
12	1444	0.50	14.11	1.2	3.0	2.5	4.9	7.4
13	1043	0.43	15.00	1.3	3.0	2.5	5.3	7.8
14	956	0.39	13.34	1.2	3.0	2.5	5.9	8.4
15	1159	0.42	13.12	1.2	3.0	2.5	5.3	7.8
16	1405	0.45	12.68	1.1	3.0	2.5	5.0	7.5
17	1000	0.41	15.03	1.3	3.0	2.5	5.7	8.2
18	1109	0.44	15.15	1.3	3.0	2.5	5.5	8.0
19	1055	0.41	14.50	1.3	3.0	2.5	5.6	8.1
20	1149	0.39	12.94	1.2	3.0	2.5	5.2	7.7
21	1210	0.40	12.80	1.1	3.0	2.5	4.8	7.3
22	1056	0.35	12.91	1.1	3.0	2.5	5.4	7.9
23	1420	0.42	12.86	1.1	3.0	2.5	5.2	7.7
24	1008	0.38	15.40	1.2	3.0	2.5	5.7	8.2
25	1119	0.41	15.64	1.2	3.0	2.5	5.3	7.8
26	1069	0.44	18.02	1.3	3.0	2.5	5.9	8.4
27	1152	0.41	15.74	1.1	3.0	2.5	5.2	7.7
28	996	0.34	14.66	1.0	3.0	2.5	5.9	8.4
29								
30								
31								