

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Apr-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	0.027	0.029	0.028	0.026	0.027	0.030	0.03
2	0.027	0.027	0.025	0.023	0.026	0.027	0.03
3	0.028	0.029	0.032	0.030	0.027	0.026	0.03
4	0.033	0.032	0.030	0.028	0.028	0.027	0.03
5	0.038	0.044	0.030	0.033	0.031	0.035	0.04
6	0.038	0.039	0.037	0.038	0.043	0.052	0.05
7	0.043	0.044	0.036	Plant Off	0.042	0.035	0.04
8	0.037	0.032	0.036	0.036	0.046	0.040	0.05
9	0.040	0.040	0.040	0.040	0.041	0.049	0.05
10	0.048	0.063	0.038	0.038	0.037	0.047	0.06
11	0.047	0.048	0.047	0.025	0.027	0.024	0.05
12	0.036	0.031	0.027	0.028	0.028	0.026	0.04
13	0.028	0.026	0.024	Plant Off	0.027	0.024	0.03
14	0.036	0.035	0.039	0.038	0.039	0.039	0.04
15	0.042	0.040	0.048	0.041	0.035	0.038	0.05
16	0.045	0.040	0.041	0.042	0.041	0.023	0.05
17	0.025	0.025	0.023	0.032	0.022	0.019	0.03
18	0.027	0.023	0.025	0.027	0.024	0.023	0.03
19	0.027	0.027	0.031	0.029	0.028	0.031	0.03
20	0.040	0.032	0.027	0.029	0.026	0.024	0.04
21	0.033	0.036	0.038	0.038	0.040	0.040	0.04
22	0.047	0.039	0.037	0.031	0.031	0.036	0.05
23	0.044	0.043	0.034	0.029	0.028	0.032	0.04
24	0.035	0.035	0.029	0.030	0.033	0.040	0.04
25	0.030	0.030	0.030	0.028	0.045	0.040	0.05
26	0.033	0.037	0.036	0.035	0.034	0.033	0.04
27	0.036	0.034	0.034	0.029	0.023	0.027	0.04
28	0.031	0.031	0.030	0.032	0.042	0.048	0.05
29	0.044	0.035	0.031	0.028	0.028	0.027	0.04
30	0.031	0.038	0.032	0.031	0.031	0.033	0.04
31				Plant Off		Plant Off	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: Howard Hamilton	
	SIGNATURE: <i>HJ Hamilton</i>	5/3/2022
	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 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: Apr-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>	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	0.97	96	93.5	12.5	7.92	22.6	Yes	4537
2	0.99	131	129.8	12.4	7.90	22.6	Yes	3414
3	1.02	142	144.3	12.3	7.93	23.0	Yes	3034
4	0.93	138	128.6	12.2	7.96	23.2	Yes	3312
5	0.89	115	102.2	12.0	7.95	23.3	Yes	3768
6	1.00	126	126.7	12.0	7.83	22.6	Yes	3569
7	0.96	120	114.9	11.7	7.84	23.0	Yes	3654
8	0.94	130	122.7	11.7	7.82	22.8	Yes	3433
9	0.98	125	121.7	11.9	7.83	22.7	Yes	3521
10	0.89	104	93.0	12.4	7.86	21.9	Yes	4242
11	0.90	139	125.2	12.1	7.88	22.7	Yes	3213
12	0.94	125	118.1	11.0	7.81	23.9	Yes	3513
13	0.87	86	74.6	10.4	7.81	24.7	Yes	5401
14	0.92	128	117.3	9.8	7.86	26.1	Yes	3418
15	0.93	132	122.9	9.7	7.92	27.0	Yes	3242
16	0.95	124	118.1	9.7	7.80	26.0	Yes	3505
17	0.98	126	123.6	9.8	7.80	25.8	Yes	3628
18	0.92	152	140.2	10.2	7.77	24.8	Yes	3005
19	0.88	122	107.8	10.1	7.86	25.6	Yes	3653
20	0.90	110	99.2	9.9	7.81	25.5	Yes	4061
21	0.94	159	148.8	9.9	7.81	25.7	Yes	2677
22	0.97	89	86.8	10.0	7.82	25.7	Yes	4881
23	0.98	141	137.9	10.2	7.81	25.3	Yes	3121
24	0.99	96	95.5	10.8	7.86	24.8	Yes	4576
25	0.96	155	148.5	11.7	7.86	23.2	Yes	2867
26	0.97	129	124.8	12.3	7.85	22.3	Yes	3514
27	0.99	112	111.0	12.4	7.91	22.6	Yes	4017
28	0.99	136	134.6	12.3	7.87	22.5	Yes	3222
29	1.02	138	140.1	12.2	7.85	22.5	Yes	3105
30	1.06	117	123.6	12.2	7.86	22.7	Yes	3738
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.

Revised February 2012

## SUPPLEMENTAL OZONE DATA

System Name: <b>Wilsonville</b> PWS ID#: <b>4100954 H</b> Month/Year: <b>April 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 Filtration	Sum of Giardia Inactivation Clear Well + Ozone	Total Plant Giardia Log Reduction
	gpm	mg/L	C X T	Log	Log	Log	Log	
1	1352	0.37	10.43	1.3	3.0	2.5	4.3	6.8
2	1269	0.35	10.48	1.3	3.0	2.5	4.9	7.4
3	1070	0.31	10.53	1.3	3.0	2.5	5.1	7.6
4	1091	0.31	9.75	1.2	3.0	2.5	5.4	7.9
5	1407	0.36	9.34	1.1	3.0	2.5	4.9	7.4
6	1142	0.34	9.57	1.2	3.0	2.5	5.3	7.8
7	1087	0.39	9.26	1.1	3.0	2.5	5.1	7.6
8	1256	0.37	9.97	1.2	3.0	2.5	5.3	7.8
9	1443	0.42	10.40	1.3	3.0	2.5	5.3	7.8
10	1270	0.41	11.44	1.4	3.0	2.5	4.8	7.3
11	988	0.38	13.69	1.7	3.0	2.5	5.4	7.9
12	1186	0.41	13.43	1.5	3.0	2.5	5.2	7.7
13	1378	0.44	10.58	1.1	3.0	2.5	4.4	6.9
14	1228	0.39	11.36	1.1	3.0	2.5	5.3	7.8
15	1075	0.39	11.97	1.2	3.0	2.5	5.3	7.8
16	1152	0.39	11.93	1.2	3.0	2.5	5.2	7.7
17	1502	0.43	11.16	1.1	3.0	2.5	5.3	7.8
18	1134	0.37	11.88	1.2	3.0	2.5	5.7	8.2
19	1277	0.37	11.22	1.1	3.0	2.5	5.0	7.5
20	1459	0.41	11.12	1.1	3.0	2.5	4.9	7.4
21	1045	0.36	11.81	1.2	3.0	2.5	5.8	8.3
22	1090	0.37	11.83	1.2	3.0	2.5	4.6	7.1
23	1104	0.37	11.27	1.2	3.0	2.5	5.6	8.1
24	1345	0.39	10.59	1.1	3.0	2.5	4.8	7.3
25	1041	0.31	9.61	1.1	3.0	2.5	5.8	8.3
26	1139	0.32	9.93	1.2	3.0	2.5	5.4	7.9
27	1486	0.35	9.45	1.2	3.0	2.5	5.1	7.6
28	1029	0.30	9.93	1.2	3.0	2.5	5.6	8.1
29	1170	0.33	10.75	1.3	3.0	2.5	5.2	7.7
30	1128	0.32	10.84	1.3	3.0	2.5	5.3	7.8