

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Mar-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 ¹ [NTU]
1	0.030	0.039	0.040	0.033	0.039	0.038	0.04
2	0.049	0.043	0.038	0.030	0.033	0.041	0.05
3	0.045	0.046	0.037	0.038	0.032	0.041	0.05
4	0.042	0.048	0.045	0.026	0.031	0.053	0.05
5	0.045	0.047	0.047	0.045	0.053	0.057	0.06
6	0.047	0.034	0.036	0.037	0.023	0.023	0.05
7	0.024	0.036	0.038	0.036	0.030	0.027	0.04
8	0.025	0.030	0.025	0.025	0.020	0.019	0.03
9	0.035	0.030	0.034	0.037	Plant Off	0.026	0.04
10	0.024	0.059	0.031	0.041	0.039	0.028	0.06
11	0.029	0.028	0.030	0.029	Plant Off	0.029	0.03
12	0.028	0.027	0.026	0.025	0.037	0.033	0.04
13	0.035	0.036	0.033	0.036	0.036	0.046	0.05
14	0.041	0.038	0.058	0.056	0.045	0.044	0.06
15	0.050	0.045	0.043	0.043	0.041	0.038	0.05
16	0.033	0.031	0.033	0.029	0.051	0.029	0.05
17	0.034	0.035	0.033	0.033	0.036	0.030	0.04
18	0.034	0.034	0.030	0.031	0.045	0.039	0.05
19	0.029	0.028	0.028	0.030	0.029	0.027	0.03
20	0.032	0.029	0.030	0.031	0.029	0.030	0.03
21	0.030	0.035	0.031	0.024	0.029	0.035	0.04
22	0.028	0.041	0.039	0.034	0.033	0.027	0.04
23	0.028	0.035	0.024	Plant Off	0.028	0.027	0.04
24	0.023	0.026	0.025	Plant Off	0.025	0.025	0.03
25	0.025	0.031	0.027	0.025	0.026	0.030	0.03
26	0.026	0.027	0.027	0.025	0.025	0.027	0.03
27	0.030	0.029	0.034	0.041	0.034	0.034	0.04
28	0.033	0.029	0.030	0.029	0.034	0.036	0.04
29	0.029	0.030	0.026	0.023	0.025	0.023	0.03
30	0.031	0.031	0.031	0.025	0.026	0.027	0.03
31	0.029	0.026	0.027	0.025	0.025	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)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<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: Howard Hamilton	
		SIGNATURE: <i>H Hamilton</i>	4-1-2022
		PHONE #: (503) 582-9655	CERT #: T-09429

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: Mar-22		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	0.98	140	136.6	6.5	7.83	32.6	Yes	3173
2	0.93	105	97.4	7.5	7.74	29.4	Yes	4021
3	0.89	127	113.4	9.4	7.73	25.7	Yes	3510
4	0.90	137	123.4	9.8	7.79	25.6	Yes	3303
5	0.92	141	129.1	9.6	7.79	25.8	Yes	3213
6	0.89	144	127.8	9.4	7.90	27.3	Yes	3006
7	0.92	120	110.2	9.1	7.83	27.3	Yes	3359
8	0.86	125	107.7	9.0	7.79	26.9	Yes	3605
9	0.80	118	95.3	9.0	7.86	27.4	Yes	3862
10	0.84	147	123.7	9.1	7.83	26.9	Yes	3072
11	0.95	109	103.4	9.0	7.85	27.6	Yes	4131
12	0.94	141	132.1	9.0	7.81	27.2	Yes	3219
13	0.97	151	146.1	9.0	7.92	28.4	Yes	2915
14	0.92	139	128.4	9.1	7.87	27.7	Yes	3217
15	0.90	115	104.1	9.1	7.90	27.7	Yes	3858
16	0.89	141	126.2	9.4	7.88	27.0	Yes	3276
17	0.99	151	149.5	9.7	7.86	26.7	Yes	3023
18	0.98	138	135.7	10.0	7.80	25.4	Yes	3246
19	0.92	135	123.2	10.2	7.82	25.2	Yes	3341
20	0.93	120	111.9	10.2	7.83	25.2	Yes	3715
21	0.96	167	159.9	10.4	7.89	25.6	Yes	2684
22	0.96	158	151.4	10.4	7.90	25.7	Yes	2968
23	0.97	119	116.0	10.3	7.87	25.6	Yes	3199
24	0.89	96	85.9	10.4	7.91	25.6	Yes	4380
25	0.98	129	126.9	10.9	7.87	24.6	Yes	3516
26	0.96	101	96.9	11.6	7.86	23.4	Yes	4408
27	0.98	139	137.1	11.9	7.86	22.9	Yes	3132
28	0.97	114	111.1	12.2	7.89	22.7	Yes	3908
29	1.01	134	136.0	12.7	7.90	22.2	Yes	3405
30	1.00	111	110.7	12.9	7.89	21.9	Yes	3956
31	1.02	148	150.3	12.7	7.92	22.4	Yes	3056

³ If Cl₂ 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: Wilsonville PWS ID#: 4100954 H Month/Year: March 2022								
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	1076	0.36	12.47	0.9	3.0	2.5	4.9	7.4
2	1298	0.45	11.90	1.0	3.0	2.5	4.4	6.9
3	1245	0.45	12.45	1.2	3.0	2.5	4.6	7.1
4	1133	0.43	11.97	1.2	3.0	2.5	5.3	7.8
5	1009	0.44	13.46	1.3	3.0	2.5	5.5	8.0
6	870	0.36	13.07	1.2	3.0	2.5	5.4	7.9
7	1249	0.41	12.50	1.2	3.0	2.5	5.0	7.5
8	1185	0.40	12.38	1.1	3.0	2.5	5.0	7.5
9	1084	0.43	11.27	1.0	3.0	2.5	4.8	7.3
10	1238	0.42	12.42	1.2	3.0	2.5	5.3	7.8
11	1352	0.44	11.29	1.0	3.0	2.5	5.0	7.5
12	1146	0.42	13.71	1.3	3.0	2.5	5.5	8.0
13	961	0.35	12.51	1.1	3.0	2.5	5.8	8.3
14	1098	0.39	12.61	1.2	3.0	2.5	5.5	8.0
15	1327	0.42	11.35	1.1	3.0	2.5	5.0	7.5
16	1160	0.37	10.81	1.0	3.0	2.5	5.4	7.9
17	988	0.36	11.53	1.1	3.0	2.5	5.8	8.3
18	1227	0.43	11.99	1.2	3.0	2.5	5.6	8.1
19	975	0.37	12.96	1.3	3.0	2.5	5.3	7.8
20	1241	0.41	12.09	1.2	3.0	2.5	5.1	7.6
21	932	0.34	11.66	1.2	3.0	2.5	6.0	8.5
22	1039	0.33	11.23	1.2	3.0	2.5	5.9	8.4
23	1181	0.41	11.23	1.2	3.0	2.5	5.2	7.7
24	1262	0.43	11.18	1.2	3.0	2.5	4.6	7.1
25	1114	0.34	10.77	1.2	3.0	2.5	5.4	7.9
26	1268	0.38	11.27	1.3	3.0	2.5	4.9	7.4
27	1060	0.32	10.37	1.2	3.0	2.5	5.6	8.1
28	1277	0.34	9.48	1.2	3.0	2.5	5.1	7.6
29	1118	0.31	9.79	1.3	3.0	2.5	5.2	7.7
30	1296	0.32	9.04	1.2	3.0	2.5	5.1	7.6
31	1029	0.32	11.00	1.4	3.0	2.5	5.9	8.4