

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Mar-25

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	0.023	0.028	0.027	0.026	0.036	0.032	0.04
2	0.033	0.036	0.056	0.041	0.035	0.034	0.06
3	0.039	0.034	0.043	0.028	0.029	0.034	0.04
4	0.029	0.050	0.040	0.035	0.032	0.046	0.05
5	0.031	0.032	0.030	0.026	0.024	Plant Off	0.03
6	0.032	0.043	0.034	0.030	0.033	0.030	0.04
7	0.032	0.029	0.030	0.030	0.029	0.028	0.03
8	0.030	0.029	0.032	0.029	0.035	0.030	0.04
9	0.031	0.031	0.032	0.030	0.031	0.036	0.04
10	0.033	0.044	0.037	0.033	0.029	0.030	0.04
11	0.038	0.039	0.034	0.034	0.031	0.035	0.04
12	0.038	0.039	0.030	0.032	0.032	0.034	0.04
13	0.035	0.032	0.033	0.028	0.027	0.028	0.04
14	0.028	0.029	0.035	0.033	0.038	0.041	0.04
15	0.043	0.037	0.034	0.037	0.038	0.036	0.04
16	0.037	0.038	0.039	0.043	0.047	0.046	0.05
17	0.042	0.052	Plant Off	Plant Off	0.048	0.048	0.05
18	0.051	0.057	Plant Off	Plant Off	Plant Off	0.048	0.06
19	0.074	0.066	0.050	0.043	0.038	0.038	0.07
20	0.037	0.062	0.036	0.035	0.036	0.034	0.06
21	0.036	0.034	0.035	0.036	0.033	0.033	0.04
22	0.032	0.034	0.036	0.036	0.053	0.046	0.05
23	0.032	0.033	0.028	0.029	0.028	0.031	0.03
24	0.034	0.027	0.023	0.028	0.029	0.025	0.03
25	0.025	0.036	0.034	0.036	0.035	0.030	0.04
26	0.042	0.042	0.039	0.027	0.036	0.040	0.04
27	0.034	0.048	0.036	0.036	0.027	0.028	0.05
28	0.027	0.026	0.034	0.025	0.023	0.024	0.03
29	0.021	0.022	0.025	0.027	0.029	0.029	0.03
30	0.058	0.030	0.036	0.029	0.027	0.025	0.06
31	0.029	0.025	0.023	0.028	0.032	0.027	0.03

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings $\leq$ 0.3 NTU?	☒ Yes / ☐ No	CT's met everyday? (see back)	All Cl2 residual at entry point $\geq$ 0.2 mg/l?
All daily turbidity readings $\leq$ 1 NTU?	☒ Yes / ☐ No	☒ Yes / ☐ No	☒ Yes / ☐ No
All turbidity readings < IFE ² triggers	☒ Yes / ☐ No		

Notes:	PRINTED NAME: Kimberleigh Reid	
	SIGNATURE: 	CERT#
	PHONE #: (503) 582-9655	T-371621

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

					WTP - :		WTP-H
System Name:	WILSONVILLE, CITY OF	ID#: 41	00954	Month/Year:	Mar-25	Disinfection <i>Giardia</i> Log Inactiv:	0.5

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	0.91	141	128.0	9.5	7.65	24.8	Yes	2628
2	0.96	108	103.6	9.6	7.69	25.1	Yes	3539
3	1.00	144	143.9	9.8	7.78	25.7	Yes	3011
4	0.96	123	118.2	9.9	7.77	25.3	Yes	3551
5	0.97	107	103.9	10.0	7.74	25.0	Yes	3841
6	0.97	75	73.2	10.0	7.77	25.3	Yes	5040
7	0.91	102	92.7	9.9	7.79	25.4	Yes	4018
8	0.91	188	171.5	9.8	7.81	25.7	Yes	2023
9	0.92	159	146.0	9.8	7.84	26.0	Yes	2325
10	0.90	138	124.1	9.9	7.74	24.9	Yes	3015
11	0.84	160	134.6	10.1	7.73	24.2	Yes	2726
12	0.88	114	100.0	10.0	8.18	28.8	Yes	3332
13	0.99	128	126.7	10.0	8.34	30.9	Yes	3064
14	0.96	163	156.7	10.0	8.32	30.6	Yes	2410
15	0.87	144	125.0	9.5	7.88	26.7	Yes	2720
16	0.90	156	141.3	9.1	7.91	28.0	Yes	2530
17	0.82	105	86.4	8.9	7.97	28.7	Yes	3631
18	0.79	109	86.9	8.8	7.93	28.4	Yes	3543
19	0.97	146	141.9	8.9	8.08	30.4	Yes	2987
20	0.97	138	133.5	9.1	8.09	30.0	Yes	2870
21	0.93	131	121.9	9.3	7.96	28.1	Yes	3022
22	0.84	101	85.3	9.3	7.98	28.2	Yes	3779
23	0.85	143	121.5	9.3	7.99	28.2	Yes	2916
24	0.88	135	117.8	9.5	7.99	27.9	Yes	2990
25	0.88	134	117.1	10.0	7.93	26.3	Yes	3019
26	0.77	102	78.8	10.8	7.98	25.1	Yes	3718
27	0.80	143	114.6	11.7	7.98	23.8	Yes	2804
28	0.81	129	104.8	11.6	7.99	24.1	Yes	3076
29	0.82	143	117.4	11.2	7.98	24.7	Yes	2691
30	0.82	148	121.4	10.8	8.09	26.3	Yes	2529
31	0.84	146	122.6	10.5	8.07	26.8	Yes	3010

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

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SUPPLEMENTAL OZONE DATA

System Name: Wilsonville PWS ID#: 4100954 H Month/Year: MAR 2025								
Date	Ozone Contactor Applied Flow gpm	Ozone Residual First Chamber mg/L	Sum CT Ozone Chambers C X T	Crypto- sporidium Ozone Inactivation Log	Minimum Giardia Ozone Inactivation Log	Giardia Removal Credit for Conventional Filtration Log	Sum of Giardia Inactivation Clear Well + Ozone Log	Total Plant Giardia Log Reduction
1	1074	0.44	14.05	1.3	3.0	2.5	4.8	7.3
2	1384	0.48	12.78	1.2	3.0	2.5	4.5	7.0
3	1029	0.42	14.51	1.4	3.0	2.5	5.1	7.6
4	1172	0.45	14.30	1.4	3.0	2.5	5.2	7.7
5	1172	0.40	10.61	1.1	3.0	2.5	5.0	7.5
6	1458	0.49	13.81	1.4	3.0	2.5	4.4	6.9
7	1103	0.45	15.78	1.6	3.0	2.5	4.7	7.2
8	920	0.40	15.72	1.6	3.0	2.5	6.3	8.8
9	1048	0.37	12.94	1.3	3.0	2.5	5.8	8.3
10	1307	0.39	11.74	1.2	3.0	2.5	5.4	7.9
11	1067	0.36	12.55	1.3	3.0	2.5	5.6	8.1
12	1499	0.39	10.93	1.1	3.0	2.5	4.9	7.4
13	1317	0.32	9.55	1.0	3.0	2.5	5.4	7.9
14	1007	0.28	10.02	1.0	3.0	2.5	6.1	8.6
15	1152	0.19	8.32	0.8	3.0	2.5	5.4	7.9
16	1108	0.40	12.49	1.2	3.0	2.5	5.7	8.2
17	1209	0.41	9.98	0.9	3.0	2.5	4.6	7.1
18	894	0.43	11.40	1.0	3.0	2.5	4.6	7.1
19	1359	0.45	12.04	1.1	3.0	2.5	5.7	8.2
20	1115	0.39	12.53	1.2	3.0	2.5	5.5	8.0
21	1180	0.42	13.66	1.3	3.0	2.5	5.3	7.8
22	1286	0.40	12.12	1.1	3.0	2.5	4.6	7.1
23	1071	0.32	10.56	1.0	3.0	2.5	5.3	7.8
24	1183	0.35	10.88	1.0	3.0	2.5	5.2	7.7
25	1100	0.26	9.51	1.0	3.0	2.5	5.2	7.7
26	1423	0.37	8.74	1.0	3.0	2.5	4.5	7.0
27	1079	0.48	11.87	1.4	3.0	2.5	5.2	7.7
28	1152	0.40	9.63	1.1	3.0	2.5	5.0	7.5
29	1115	0.41	9.78	1.1	3.0	2.5	4.9	7.4
30	1256	0.44	9.34	1.0	3.0	2.5	5.3	7.8
31	1227	0.47	11.36	1.2	3.0	2.5	5.3	7.8