

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

County: Clackamas
 Month/Year: Nov-23

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	0.061	Plant Off	0.043	0.040	0.039	0.040	0.06
2	0.042	0.041	0.047	0.047	0.043	0.036	0.05
3	0.037	0.037	0.047	0.036	0.035	0.034	0.05
4	0.031	0.034	0.037	0.037	0.034	0.038	0.04
5	0.043	0.039	0.046	0.043	0.039	0.040	0.05
6	0.043	0.040	0.048	0.054	0.065	0.070	0.07
7	0.086	0.081	0.074	0.067	Plant Off	0.050	0.09
8	0.042	0.112	0.043	Plant Off	Plant Off	0.045	0.11
9	0.071	0.064	Plant Off	0.040	0.046	0.039	0.07
10	0.037	0.044	0.039	0.040	0.045	0.044	0.05
11	0.036	0.045	0.028	0.031	0.030	0.025	0.05
12	0.025	0.039	0.020	0.026	0.028	0.022	0.04
13	0.027	0.071	0.029	0.034	0.036	0.039	0.07
14	0.033	0.040	0.039	0.031	0.033	0.055	0.06
15	0.054	0.046	0.041	0.041	0.035	0.035	0.05
16	0.054	0.051	0.050	0.060	0.062	0.055	0.06
17	0.053	0.043	0.057	0.055	0.059	0.049	0.06
18	0.046	0.039	0.031	0.033	0.037	0.041	0.05
19	0.039	0.042	0.041	0.039	0.035	0.039	0.04
20	0.050	0.034	Plant Off	Plant Off	Plant Off	0.071	0.07
21	0.039	0.038	0.024	0.020	0.028	0.029	0.04
22	0.026	0.027	0.029	0.018	0.020	0.015	0.03
23	0.014	0.020	0.027	0.019	0.022	0.021	0.03
24	0.029	0.022	0.025	0.026	0.023	0.022	0.03
25	0.024	0.023	0.020	0.022	0.023	0.024	0.02
26	0.036	0.034	0.026	0.034	0.031	0.030	0.04
27	0.034	0.029	0.027	0.028	0.027	0.031	0.03
28	0.043	0.032	Plant Off	Plant Off	Plant Off	0.057	0.06
29	0.031	0.050	0.025	Plant Off	Plant Off	0.033	0.05
30	0.032	0.029	0.033	0.034	0.031	0.025	0.03
31							

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 ² triggers <input checked="" type="radio"/> Yes <input type="radio"/> No		

Notes:	PRINTED NAME: Kimberleigh Reid	
	SIGNATURE: <i>Kimberleigh Reid</i>	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

System Name: WILSONVILLE, CITY OF						ID#: 41		00954		Month/Year: Nov-23		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	0.94	141	131.7	11.1	7.90	24.4	Yes	2857
2	1.05	150	157.2	11.1	7.99	25.5	Yes	2773
3	1.01	131	132.0	11.2	7.95	24.8	Yes	3207
4	1.01	143	144.4	11.5	7.86	23.7	Yes	3021
5	1.01	163	165.4	12.2	7.86	22.6	Yes	2516
6	0.99	102	100.8	13.1	7.91	21.7	Yes	4050
7	0.91	113	102.4	13.4	7.97	21.5	Yes	4084
8	0.91	98	89.4	13.1	7.97	21.9	Yes	3822
9	0.97	76	73.8	12.1	8.02	24.0	Yes	4140
10	0.99	72	71.8	11.5	7.87	23.6	Yes	5204
11	1.01	150	151.7	11.4	7.86	23.8	Yes	2789
12	0.96	121	116.7	11.3	7.86	23.8	Yes	3521
13	0.92	177	162.4	11.3	7.82	23.3	Yes	2538
14	0.90	187	168.4	11.5	7.91	23.8	Yes	2355
15	0.93	108	100.0	11.6	7.96	24.1	Yes	3954
16	1.00	142	141.4	11.4	7.89	23.9	Yes	2864
17	1.04	127	132.2	11.3	7.91	24.5	Yes	2995
18	0.98	109	106.8	11.1	7.90	24.6	Yes	3505
19	1.03	116	118.9	11.0	7.85	24.4	Yes	3405
20	0.98	89	86.6	11.0	7.84	24.2	Yes	4511
21	0.94	93	87.6	10.5	7.93	25.7	Yes	4578
22	1.02	156	159.3	10.1	7.88	26.2	Yes	2820
23	1.06	167	176.4	10.0	7.93	27.1	Yes	2517
24	1.05	134	140.2	9.8	7.89	26.8	Yes	3011
25	1.02	146	148.7	9.5	7.87	27.1	Yes	2762
26	0.96	159	153.1	8.9	7.91	28.5	Yes	2819
27	1.01	122	123.2	8.4	7.88	29.3	Yes	3506
28	1.00	87	87.0	8.1	8.53	38.0	Yes	4992
29	0.94	80	74.6	7.2	8.60	41.0	Yes	5122
30	1.01	105	106.1	6.7	7.87	32.9	Yes	3700
31			0.0			4.2		

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: NOV 2023								
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	1160	0.36	8.99	1.0	3.0	2.5	4.8	7.3
2	1174	0.47	12.95	1.4	3.0	2.5	5.2	7.7
3	1273	0.47	13.02	1.5	3.0	2.5	4.9	7.4
4	1266	0.42	9.98	1.2	3.0	2.5	5.7	8.2
5	1073	0.39	9.81	1.2	3.0	2.5	6.1	8.6
6	1588	0.38	6.66	0.9	3.0	2.5	4.9	7.4
7	1059	0.35	6.83	0.9	3.0	2.5	4.9	7.4
8	779	0.32	5.40	0.7	3.0	2.5	4.7	7.2
9	1636	0.46	7.70	0.9	3.0	2.5	4.4	6.9
10	1704	0.56	10.83	1.3	3.0	2.5	4.4	6.9
11	1138	0.36	8.52	1.0	3.0	2.5	5.9	8.4
12	1388	0.47	11.00	1.3	3.0	2.5	5.2	7.7
13	1166	0.39	10.14	1.2	3.0	2.5	6.1	8.6
14	1115	0.39	9.72	1.1	3.0	2.5	6.3	8.8
15	1391	0.42	10.14	1.2	3.0	2.5	4.9	7.4
16	1176	0.35	9.09	1.0	3.0	2.5	5.7	8.2
17	1095	0.41	11.42	1.3	3.0	2.5	5.5	8.0
18	1476	0.44	11.11	1.2	3.0	2.5	5.0	7.5
19	1290	0.40	11.05	1.2	3.0	2.5	5.3	7.8
20	762	0.75	24.44	2.7	3.0	2.5	4.6	7.1
21	1760	0.55	13.05	1.4	3.0	2.5	4.7	7.2
22	1109	0.41	10.48	1.1	3.0	2.5	6.0	8.5
23	1032	0.56	10.43	1.0	3.0	2.5	6.4	8.9
24	1082	0.64	11.77	1.2	3.0	2.5	5.6	8.1
25	1143	0.60	10.68	1.0	3.0	2.5	5.8	8.3
26	1416	0.69	10.80	1.0	3.0	2.5	6.0	8.5
27	1295	0.66	11.18	1.0	3.0	2.5	5.3	7.8
28	861	0.58	6.09	0.5	3.0	2.5	4.7	7.2
29	1273	0.70	8.18	0.6	3.0	2.5	4.2	6.7
30	1386	0.65	11.10	0.8	3.0	2.5	5.0	7.5
31								