

OHA - Drinking Water Program -Turbidity Monitoring Report Form

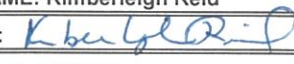
County: Clackamas

Conventional or Direct Filtration

Month/Year: Feb-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 <sup>1</sup> [NTU]
1	0.021	0.024	0.025	0.022	0.025	0.043	0.04
2	0.052	0.056	0.022	0.029	0.027	0.026	0.06
3	0.023	0.032	0.025	0.024	0.022	0.027	0.03
4	0.029	0.036	0.030	Plant Off	0.030	0.024	0.04
5	0.028	0.032	Plant Off	Plant Off	0.035	0.021	0.04
6	0.020	0.026	Plant Off	Plant Off	0.025	0.020	0.03
7	0.021	0.020	Plant Off	Plant Off	0.019	0.020	0.02
8	0.021	0.015	Plant Off	0.018	0.024	0.020	0.02
9	0.023	0.023	0.033	0.026	0.024	0.026	0.03
10	0.026	0.032	Plant Off	Plant Off	0.025	0.027	0.03
11	0.031	0.024	Plant Off	Plant Off	0.021	0.021	0.03
12	0.033	0.035	Plant Off	Plant Off	0.029	0.025	0.04
13	0.028	0.031	Plant Off	0.031	0.028	0.025	0.03
14	0.032	0.034	0.036	0.037	0.032	0.044	0.04
15	0.032	0.041	0.049	0.045	0.033	0.034	0.05
16	0.035	0.038	0.044	0.035	0.035	0.038	0.04
17	0.046	0.043	Plant Off	Plant Off	0.063	0.045	0.06
18	0.058	0.046	Plant Off	Plant Off	0.045	0.031	0.06
19	0.047	0.034	Plant Off	Plant Off	0.046	0.037	0.05
20	0.031	0.032	Plant Off	Plant Off	0.028	0.024	0.03
21	0.024	0.024	Plant Off	0.024	0.025	0.024	0.03
22	0.023	0.029	0.025	0.028	0.025	0.026	0.03
23	0.027	0.024	0.025	0.038	0.032	0.032	0.04
24	0.016	0.040	0.030	0.036	Plant Off	Plant Off	0.04
25	Plant Off	Plant Off	Plant Off	Plant Off	0.060	0.052	0.06
26	0.018	0.053	0.033	0.063	0.028	0.033	0.06
27	0.028	0.036	0.028	0.026	0.024	0.026	0.04
28	0.025	0.022	0.024	0.023	0.024	0.023	0.03
29							0.00
30							0.00
31							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: Kimberleigh Reid	
	SIGNATURE: 	CERT#
	PHONE #: (503) 582-9655	T-371621

<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-25		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	0.92	148	135.7	5.6	8.02	36.8	Yes	2738
2	0.94	151	142.6	6.0	8.03	36.1	Yes	2527
3	0.97	147	141.5	6.6	8.07	35.3	Yes	3041
4	0.99	130	127.7	7.0	8.22	36.4	Yes	2859
5	0.90	121	108.0	6.7	8.22	36.8	Yes	3689
6	0.94	160	149.7	6.4	8.02	35.0	Yes	2671
7	0.89	67	60.0	6.2	8.06	36.0	Yes	4941
8	0.88	79	70.0	6.0	8.15	37.6	Yes	4523
9	0.95	202	192.3	6.1	8.17	37.8	Yes	2040
10	0.90	123	110.0	6.3	8.04	35.5	Yes	3074
11	0.82	89	73.3	6.5	7.98	33.9	Yes	4076
12	0.74	84	62.7	6.1	8.02	35.0	Yes	4263
13	0.75	87	64.7	5.6	7.75	32.9	Yes	4142
14	0.70	159	111.1	5.1	7.80	34.3	Yes	2475
15	0.83	93	77.3	4.6	7.78	35.8	Yes	4133
16	0.81	140	113.5	4.7	7.71	34.8	Yes	3019
17	0.90	91	82.0	5.0	7.73	34.5	Yes	3922
18	0.79	105	82.8	5.8	7.61	31.0	Yes	3840
19	0.88	123	107.6	6.9	7.75	30.5	Yes	3519
20	0.88	78	68.5	7.7	7.70	28.5	Yes	4506
21	0.90	81	72.5	8.2	7.73	27.7	Yes	4317
22	0.94	128	120.2	8.5	7.73	27.3	Yes	3042
23	0.97	111	107.9	8.7	7.69	26.8	Yes	3523
24	0.97	167	161.6	8.9	7.68	26.3	Yes	2510
25	0.86	108	92.0	9.1	7.39	23.1	Yes	3132
26	1.04	77	80.6	9.4	7.72	26.1	Yes	4358
27	1.04	97	100.6	9.6	7.70	25.5	Yes	4231
28	0.94	135	127.8	9.5	7.72	25.5	Yes	2967
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>FEB 2025</b>								
Date	Ozone Contactor Applied Flow	Ozone Residual First Chamber	Sum CT Ozone Chambers	Cryptosporidium 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	1208	0.49	15.40	1.0	3.0	2.5	4.9	7.4
2	1140	0.46	14.75	1.0	3.0	2.5	5.0	7.5
3	1228	0.46	13.31	1.0	3.0	2.5	5.0	7.5
4	877	0.45	12.94	1.0	3.0	2.5	5.4	7.9
5	1266	0.56	11.34	0.8	3.0	2.5	5.1	7.6
6	875	0.49	12.47	0.9	3.0	2.5	5.8	8.3
7	1296	0.50	9.94	0.7	3.0	2.5	4.1	6.6
8	1361	0.53	13.71	0.9	3.0	2.5	4.3	6.8
9	1001	0.42	14.97	1.1	3.0	2.5	6.7	9.2
10	1018	0.44	12.18	0.9	3.0	2.5	5.1	7.6
11	1262	0.54	11.15	0.8	3.0	2.5	4.4	6.9
12	1256	0.55	11.46	0.8	3.0	2.5	4.2	6.7
13	1068	0.51	18.40	1.2	3.0	2.5	4.2	6.7
14	862	0.46	20.19	1.3	3.0	2.5	5.2	7.7
15	1566	0.62	17.60	1.1	3.0	2.5	4.5	7.0
16	1079	0.48	18.55	1.1	3.0	2.5	5.2	7.7
17	991	0.42	10.91	0.7	3.0	2.5	4.6	7.1
18	1026	0.48	10.83	0.7	3.0	2.5	4.6	7.1
19	1101	0.53	11.87	0.9	3.0	2.5	5.0	7.5
20	1137	0.56	11.77	1.0	3.0	2.5	4.3	6.8
21	1221	0.54	13.47	1.2	3.0	2.5	4.4	6.9
22	1162	0.52	16.41	1.4	3.0	2.5	5.3	7.8
23	1351	0.48	13.96	1.2	3.0	2.5	5.0	7.5
24	775	0.39	12.80	1.2	3.0	2.5	6.0	8.5
25	701	0.25	9.33	0.9	3.0	2.5	4.7	7.2
26	1561	0.54	10.04	1.0	3.0	2.5	4.6	7.1
27	1394	0.54	14.17	1.4	3.0	2.5	4.9	7.4
28	993	0.43	13.86	1.3	3.0	2.5	5.4	7.9
29								
30								
31								