

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Apr-24

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	0.048	0.051	0.063	0.044	0.046	0.043	0.06
2	0.044	0.045	0.051	0.042	0.038	0.041	0.05
3	0.047	0.046	Plant Off	Plant Off	0.058	0.045	0.06
4	0.044	0.040	0.038	0.039	0.038	0.039	0.04
5	0.040	0.041	0.040	0.050	0.039	0.040	0.05
6	0.036	0.041	0.056	0.035	0.034	0.036	0.06
7	0.040	0.039	0.040	0.042	0.043	0.043	0.04
8	0.048	0.042	0.040	0.042	0.040	0.066	0.07
9	0.028	0.032	0.028	0.028	0.050	0.033	0.05
10	0.039	0.021	0.027	0.026	0.029	0.032	0.04
11	0.038	0.037	0.030	0.034	0.041	0.037	0.04
12	0.032	0.031	0.025	0.028	0.027	0.031	0.03
13	0.033	0.035	0.030	0.048	0.033	0.032	0.05
14	0.036	0.037	0.033	0.037	0.041	0.033	0.04
15	0.036	0.039	0.025	Plant Off	Plant Off	0.036	0.04
16	0.039	0.039	0.024	0.034	0.034	0.034	0.04
17	0.040	0.031	0.030	Plant Off	0.052	0.028	0.05
18	0.032	0.033	0.031	0.039	0.040	0.030	0.04
19	0.032	0.034	0.033	0.029	0.032	0.031	0.03
20	0.033	0.030	0.035	0.042	0.035	0.031	0.04
21	0.037	0.036	0.032	0.034	0.033	0.037	0.04
22	0.036	0.039	Plant Off	Plant Off	0.049	0.051	0.05
23	0.042	0.033	0.033	0.033	0.048	0.046	0.05
24	0.043	0.039	0.039	0.040	0.050	0.052	0.05
25	0.052	0.045	0.044	0.044	0.045	0.054	0.05
26	0.048	0.043	0.034	0.036	0.037	0.040	0.05
27	0.044	0.035	0.036	0.034	0.034	0.036	0.04
28	0.046	0.038	0.049	0.046	0.038	0.038	0.05
29	0.041	0.039	0.044	0.043	0.042	0.043	0.04
30	0.037	0.038	0.033	0.038	0.041	0.048	0.05
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: <i>Kimberleigh Reid</i>	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: Apr-24		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	1.09	95	103.7	10.9	7.84	24.6	Yes	4190
2	1.12	95	106.9	11.4	7.85	24.1	Yes	4182
3	1.07	94	101.1	12.2	7.89	23.1	Yes	3717
4	1.07	98	104.9	12.4	7.91	22.8	Yes	3701
5	1.05	122	128.3	12.3	7.91	22.9	Yes	3272
6	1.09	105	113.8	11.5	7.92	24.4	Yes	3646
7	1.09	130	141.2	11.1	7.90	24.8	Yes	2969
8	1.07	126	134.6	11.0	7.95	25.5	Yes	3354
9	1.09	134	145.3	11.0	7.94	25.4	Yes	3182
10	1.08	109	118.2	11.3	7.94	24.9	Yes	3564
11	1.10	100	110.1	12.1	7.97	23.9	Yes	3937
12	1.01	90	90.2	12.5	8.06	23.7	Yes	5274
13	1.04	147	152.3	13.2	8.06	22.7	Yes	2662
14	1.14	144	163.1	13.6	7.96	21.7	Yes	2884
15	1.12	93	104.3	13.6	7.96	21.6	Yes	4608
16	1.07	126	135.2	13.3	7.94	21.8	Yes	3060
17	1.01	100	100.9	13.1	7.98	22.2	Yes	4443
18	1.11	98	108.9	12.8	7.87	22.0	Yes	4041
19	0.92	97	88.5	13.0	7.84	21.0	Yes	4060
20	1.05	108	113.7	13.3	7.86	21.2	Yes	3614
21	1.07	105	112.3	13.6	7.85	20.7	Yes	3984
22	1.05	118	123.8	13.8	7.82	20.0	Yes	3685
23	1.05	90	94.7	13.8	7.88	20.5	Yes	4617
24	1.04	114	118.1	14.1	7.92	20.4	Yes	3712
25	1.05	142	149.2	14.4	7.87	19.7	Yes	2955
26	1.07	121	129.0	14.6	7.81	19.0	Yes	3526
27	1.07	117	124.8	14.3	7.81	19.4	Yes	3604
28	1.09	81	88.2	13.8	7.91	20.9	Yes	4258
29	1.10	126	138.5	13.2	7.96	22.2	Yes	3264
30	0.97	101	98.3	12.9	7.88	21.7	Yes	3909
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>APR 2024</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	1044	0.64	10.24	1.1	3.0	2.5	4.4	6.9
2	1485	0.78	10.13	1.2	3.0	2.5	4.5	7.0
3	1081	0.90	11.08	1.4	3.0	2.5	4.4	6.9
4	1458	0.90	11.87	1.5	3.0	2.5	5.0	7.5
5	1236	0.74	9.40	1.2	3.0	2.5	5.4	7.9
6	1468	0.87	12.02	1.4	3.0	2.5	5.1	7.6
7	1122	0.66	10.75	1.2	3.0	2.5	5.6	8.1
8	1231	0.73	11.06	1.2	3.0	2.5	5.6	8.1
9	1146	0.63	10.16	1.1	3.0	2.5	5.8	8.3
10	1354	0.68	9.89	1.1	3.0	2.5	5.2	7.7
11	1336	0.69	9.50	1.2	3.0	2.5	5.1	7.6
12	1312	0.70	9.60	1.2	3.0	2.5	4.7	7.2
13	1247	0.67	9.73	1.3	3.0	2.5	5.9	8.4
14	1282	0.58	8.18	1.1	3.0	2.5	6.2	8.7
15	1185	0.54	7.01	1.0	3.0	2.5	5.0	7.5
16	1381	0.56	7.44	1.0	3.0	2.5	5.6	8.1
17	1134	0.50	6.35	0.9	3.0	2.5	4.9	7.4
18	1517	0.67	8.28	1.1	3.0	2.5	5.1	7.6
19	1323	0.72	10.08	1.3	3.0	2.5	4.7	7.2
20	1419	0.69	9.58	1.3	3.0	2.5	5.2	7.7
21	1459	0.69	9.24	1.3	3.0	2.5	5.1	7.6
22	1321	0.14	8.78	1.3	3.0	2.5	5.4	7.9
23	1833	Ozone Off			3.0	2.5	4.8	7.3
24	1556	Ozone Off			3.0	2.5	5.2	7.7
25	1246	Ozone Off			3.0	2.5	5.8	8.3
26	1209	Ozone Off			3.0	2.5	5.5	8.0
27	1574	Ozone Off			3.0	2.5	5.4	7.9
28	1262	Ozone Off			3.0	2.5	4.7	7.2
29	1224	Ozone Off			3.0	2.5	5.2	7.7
30	1407	Ozone Off			3.0	2.5	4.9	7.4
31	1625	Ozone Off			3.0	2.5	4.9	7.4