

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

County: **Clackamas**
 Month/Year: **Jul-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 ¹ [NTU]
1	0.043	0.037	0.046	0.050	0.042	0.041	0.05
2	0.059	0.092	0.059	0.050	0.044	0.043	0.09
3	0.057	0.050	0.059	0.021	0.021	0.023	0.06
4	0.023	0.024	0.023	0.025	0.024	0.026	0.03
5	0.028	0.026	0.026	0.029	0.023	0.024	0.03
6	0.027	0.025	0.025	0.046	0.035	0.062	0.06
7	0.085	0.054	0.038	0.028	0.031	0.037	0.09
8	0.049	0.034	0.028	0.029	0.030	0.038	0.05
9	0.036	0.058	0.039	0.033	0.032	0.034	0.06
10	0.037	0.039	0.030	0.031	0.031	0.032	0.04
11	0.034	0.027	0.037	0.035	0.030	0.031	0.04
12	0.031	0.034	0.029	0.029	0.031	0.029	0.03
13	0.029	0.029	0.030	0.028	0.030	0.031	0.03
14	0.026	0.027	0.028	0.028	0.030	0.026	0.03
15	0.028	0.025	0.029	0.029	0.028	0.040	0.04
16	0.032	0.071	0.027	0.028	0.028	0.060	0.07
17	0.031	0.032	0.070	0.029	0.028	0.029	0.07
18	0.032	0.029	0.045	0.032	0.033	0.032	0.05
19	0.032	0.028	0.029	0.033	0.031	0.032	0.03
20	0.034	0.030	0.030	0.033	0.036	0.060	0.06
21	0.045	0.040	0.034	0.028	0.029	0.035	0.05
22	0.035	0.033	0.049	0.032	0.031	0.037	0.05
23	0.023	0.043	0.032	Plant Off	0.033	0.037	0.04
24	0.037	0.039	0.031	0.031	0.032	0.034	0.04
25	0.032	0.029	0.028	0.032	0.027	0.029	0.03
26	0.036	0.030	0.032	0.036	0.032	0.033	0.04
27	0.034	0.032	0.034	0.035	0.036	0.037	0.04
28	0.037	0.037	0.031	0.033	0.035	0.036	0.04
29	0.031	0.029	0.038	0.093	0.040	0.049	0.09
30	0.042	0.042	0.029	0.036	0.037	0.037	0.04
31	0.034	0.050	0.036	0.038	0.031	0.030	0.05

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: 	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 Eff. (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: Jul-24		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	1.01	34	34.2	20.9	7.94	13.0	Yes	9065
2	0.98	59	57.6	21.4	7.99	12.8	Yes	7285
3	0.97	36	34.6	22.0	7.98	12.2	Yes	9400
4	0.99	49	48.4	22.1	7.96	12.1	Yes	8527
5	1.02	36	37.1	22.1	7.93	12.0	Yes	8162
6	1.02	32	32.6	22.3	7.87	11.5	Yes	9452
7	0.96	26	24.4	22.6	8.00	11.8	Yes	9812
8	0.96	28	27.2	23.4	7.94	11.0	Yes	9950
9	0.94	30	28.3	24.0	8.01	10.7	Yes	9918
10	0.92	30	27.9	24.6	7.94	10.1	Yes	9633
11	0.95	31	29.5	24.8	8.00	10.1	Yes	9177
12	1.02	45	45.9	24.6	7.93	10.2	Yes	9390
13	1.10	26	28.8	24.2	7.91	10.5	Yes	10014
14	1.11	28	31.4	23.9	7.94	10.7	Yes	9830
15	1.09	28	30.9	23.8	8.01	11.1	Yes	10157
16	1.00	29	28.5	23.9	7.99	10.9	Yes	9751
17	1.00	27	26.5	23.9	7.87	10.4	Yes	9822
18	1.05	30	31.7	23.9	7.97	10.8	Yes	9717
19	1.05	27	28.8	23.9	7.90	10.6	Yes	10686
20	1.06	29	31.3	24.0	7.88	10.4	Yes	9961
21	1.00	28	28.3	24.1	7.81	10.0	Yes	9695
22	0.97	29	28.0	24.1	7.92	10.4	Yes	10006
23	1.07	29	31.4	24.0	7.93	10.6	Yes	9847
24	1.05	30	32.0	23.8	7.93	10.7	Yes	9822
25	1.03	28	29.1	23.2	7.88	10.9	Yes	10027
26	1.05	29	30.0	22.7	7.91	11.4	Yes	9864
27	1.11	28	31.6	22.5	7.89	11.6	Yes	10103
28	1.08	29	30.9	22.5	7.85	11.4	Yes	10000
29	1.14	40	45.8	17.0	7.88	16.8	Yes	10044
30	1.02	30	30.8	21.8	7.87	12.0	Yes	9534
31	1.04	45	47.0	21.6	7.88	12.2	Yes	9144

³ If Cl₂ 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: Wilsonville PWS ID#: 4100954 H Month/Year: JUL 2024								
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	3408	0.00	Ozone Off	0.3	3.0	2.5	3.5	6.0
2	2895	0.00	Ozone Off	0.3	3.0	2.5	3.8	6.3
3	2901	0.00	Ozone Off	0.3	3.0	2.5	3.5	6.0
4	3089	0.00	Ozone Off	0.3	3.0	2.5	3.9	6.4
5	3349	0.00	Ozone Off	0.3	3.0	2.5	3.7	6.2
6	3460	0.00	Ozone Off	0.3	3.0	2.5	3.6	6.1
7	3328	0.00	Ozone Off	0.3	3.0	2.5	3.5	6.0
8	3364	0.00	Ozone Off	0.3	3.0	2.5	3.5	6.0
9	3367	0.00	Ozone Off	0.4	3.0	2.5	3.5	6.0
10	3352	0.00	Ozone Off	0.4	3.0	2.5	3.5	6.0
11	3383	0.00	Ozone Off	0.4	3.0	2.5	3.6	6.1
12	3127	0.00	Ozone Off	0.4	3.0	2.5	3.9	6.4
13	3457	0.00	Ozone Off	0.4	3.0	2.5	3.5	6.0
14	3602	0.00	Ozone Off	0.4	3.0	2.5	3.6	6.1
15	3628	0.15	1.54	0.6	3.0	2.5	3.6	6.1
16	3382	0.28	1.34	0.5	3.0	2.5	3.5	6.0
17	3427	0.40	2.30	0.8	3.0	2.5	3.5	6.0
18	3713	0.57	3.05	1.1	3.0	2.5	3.6	6.1
19	3595	0.43	2.24	0.8	3.0	2.5	3.5	6.0
20	3829	0.56	2.71	1.0	3.0	2.5	3.6	6.1
21	3319	0.53	2.86	1.1	3.0	2.5	3.5	6.0
22	3546	0.57	2.93	1.1	3.0	2.5	3.5	6.0
23	3318	0.54	2.64	1.0	3.0	2.5	3.6	6.1
24	3337	0.55	2.91	1.1	3.0	2.5	3.6	6.1
25	3332	0.54	3.06	1.1	3.0	2.5	3.5	6.0
26	3553	0.55	3.07	1.0	3.0	2.5	3.6	6.1
27	3483	0.63	3.64	1.2	3.0	2.5	3.6	6.1
28	3395	0.61	3.60	1.2	3.0	2.5	3.6	6.1
29	3437	0.64	3.82	1.2	3.0	2.5	3.5	6.0
30	3302	0.52	3.41	1.0	3.0	2.5	3.6	6.1
31	2904	0.45	3.37	1.0	3.0	2.5	3.9	6.4