

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Aug-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	0.037	0.027	0.040	0.028	0.035	0.032	0.04
2	0.028	0.027	0.027	0.028	0.027	0.027	0.03
3	0.032	0.028	0.026	0.025	0.034	0.039	0.04
4	0.029	0.041	0.032	0.029	0.029	0.051	0.05
5	0.034	0.038	0.025	0.024	0.029	0.038	0.04
6	0.036	0.036	0.025	Plant Off	Plant Off	0.058	0.06
7	0.035	0.034	0.026	0.027	0.028	0.027	0.04
8	0.040	0.026	0.029	0.034	0.030	0.029	0.04
9	0.030	0.033	0.029	Plant Off	0.029	0.029	0.03
10	0.033	0.028	0.029	0.030	0.031	0.031	0.03
11	0.031	0.031	0.033	0.033	0.034	0.034	0.03
12	0.035	0.033	0.035	0.038	0.035	0.046	0.05
13	0.043	0.051	0.033	0.031	0.033	0.043	0.05
14	0.036	0.031	0.035	0.035	0.036	0.033	0.04
15	0.026	0.033	0.032	0.036	0.045	0.036	0.05
16	0.034	0.030	0.035	0.034	0.035	0.033	0.04
17	0.041	0.047	0.028	0.022	0.026	0.040	0.05
18	0.038	0.026	0.025	0.026	0.025	0.033	0.04
19	0.031	0.018	0.024	0.027	0.027	0.033	0.03
20	0.026	0.021	0.023	0.023	0.024	0.030	0.03
21	0.028	0.025	0.024	0.025	0.023	0.022	0.03
22	0.028	0.021	0.023	0.022	0.023	0.025	0.03
23	0.026	0.024	0.023	0.023	0.023	0.025	0.03
24	0.025	0.024	0.026	0.028	0.028	0.026	0.03
25	0.027	0.027	0.030	0.033	0.031	0.029	0.03
26	0.027	0.025	0.026	0.025	0.027	0.027	0.03
27	0.029	0.032	0.022	0.024	0.029	0.026	0.03
28	0.027	0.027	0.024	0.030	0.028	0.029	0.03
29	0.030	0.031	0.032	0.030	0.030	0.031	0.03
30	0.033	0.031	0.033	0.030	0.035	0.035	0.04
31	0.032	0.028	0.026	0.025	0.034	0.039	0.04

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)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<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: Aug-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	1.07	43	46.4	21.5	7.85	12.2	Yes	9649
2	1.06	28	29.8	22.2	7.86	11.7	Yes	9877
3	1.04	27	28.2	22.8	7.89	11.3	Yes	10225
4	1.04	28	29.4	23.8	7.81	10.3	Yes	9712
5	1.01	26	26.6	24.4	7.87	10.0	Yes	9774
6	1.03	41	42.6	24.2	7.83	10.0	Yes	9904
7	1.06	25	26.6	23.9	7.91	10.6	Yes	11027
8	1.05	28	29.4	23.6	7.87	10.6	Yes	10040
9	1.07	28	29.7	23.4	7.87	10.8	Yes	10127
10	1.05	28	29.0	23.4	7.88	10.8	Yes	9944
11	1.03	30	30.5	23.5	7.85	10.6	Yes	9587
12	1.03	28	28.8	23.5	7.95	11.0	Yes	10087
13	1.04	42	43.4	23.2	7.87	10.9	Yes	9805
14	1.02	45	45.9	22.5	7.92	11.6	Yes	9692
15	1.04	44	45.5	22.0	7.87	11.8	Yes	9109
16	1.07	49	52.1	21.7	7.86	12.1	Yes	8432
17	1.05	28	29.7	21.7	7.93	12.4	Yes	9645
18	1.05	53	55.7	21.5	7.87	12.3	Yes	8296
19	1.05	42	44.1	21.7	7.89	12.1	Yes	8620
20	1.80	24	44.2	21.6	7.84	13.1	Yes	9811
21	1.01	40	40.1	21.7	7.83	11.9	Yes	9774
22	1.07	49	52.2	21.5	7.88	12.3	Yes	8271
23	1.04	45	46.3	21.3	7.93	12.7	Yes	9025
24	1.03	44	45.5	20.8	7.88	12.8	Yes	9014
25	1.06	60	63.9	20.5	7.83	13.0	Yes	6544
26	1.04	49	50.5	20.3	8.01	14.0	Yes	8283
27	1.00	54	54.1	20.4	8.02	13.9	Yes	8151
28	1.02	45	46.0	20.4	7.91	13.4	Yes	9148
29	1.03	43	44.7	20.6	7.91	13.2	Yes	9461
30	1.05	27	28.7	20.6	7.98	13.5	Yes	9973
31	1.05	30	31.0	20.8	8.10	14.0	Yes	9513

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: AUG 2024								
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	3201	0.48	3.43	1.0	3.0	2.5	3.6	6.1
2	3462	0.50	3.37	1.1	3.0	2.5	3.4	5.9
3	3743	0.50	2.98	1.0	3.0	2.5	3.4	5.9
4	3672	0.48	2.82	1.0	3.0	2.5	3.6	6.1
5	3322	0.46	2.86	1.1	3.0	2.5	3.5	6.0
6	2954	0.38	2.55	1.0	3.0	2.5	3.8	6.3
7	3834	0.50	2.95	1.1	3.0	2.5	3.5	6.0
8	3427	0.49	3.14	1.1	3.0	2.5	3.6	6.1
9	3460	0.44	2.80	1.0	3.0	2.5	3.6	6.1
10	3270	0.52	3.47	1.2	3.0	2.5	3.6	6.1
11	3227	0.50	3.26	1.1	3.0	2.5	3.6	6.1
12	3701	0.51	3.02	1.1	3.0	2.5	3.5	6.0
13	3100	0.47	3.16	1.1	3.0	2.5	3.8	6.3
14	2971	0.49	3.55	1.1	3.0	2.5	3.9	6.4
15	2992	0.52	3.92	1.2	3.0	2.5	3.9	6.4
16	3025	0.56	4.28	1.3	3.0	2.5	4.0	6.5
17	3566	0.54	3.69	1.1	3.0	2.5	3.6	6.1
18	2281	0.40	3.41	1.0	3.0	2.5	4.1	6.6
19	2200	0.39	3.45	1.0	3.0	2.5	3.8	6.3
20	3719	0.58	4.01	1.2	3.0	2.5	3.8	6.3
21	2796	0.47	3.85	1.1	3.0	2.5	3.8	6.3
22	2574	0.47	4.08	1.2	3.0	2.5	4.0	6.5
23	2768	0.45	3.57	1.0	3.0	2.5	3.9	6.4
24	2964	0.50	4.10	1.1	3.0	2.5	3.8	6.3
25	2324	0.47	4.67	1.2	3.0	2.5	4.2	6.7
26	2877	0.47	3.92	1.0	3.0	2.5	4.0	6.5
27	3136	0.71	6.49	1.7	3.0	2.5	4.0	6.5
28	2841	0.60	6.25	1.7	3.0	2.5	3.9	6.4
29	3033	0.45	3.69	1.0	3.0	2.5	3.7	6.2
30	3333	0.55	4.28	1.2	3.0	2.5	3.5	6.0
31	3393	0.51	3.81	1.0	3.0	2.5	3.6	6.1