

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Jul-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	0.031	0.029	0.026	0.030	0.028	0.064	0.06
2	0.061	0.024	0.025	0.025	0.028	0.026	0.06
3	0.027	0.023	0.023	0.023	0.025	0.026	0.03
4	0.029	0.025	0.022	0.022	0.023	0.029	0.03
5	0.026	0.027	0.026	0.024	0.026	0.026	0.03
6	0.023	0.024	0.023	0.024	0.024	0.026	0.03
7	0.024	0.024	0.024	0.024	0.024	0.025	0.03
8	0.025	0.023	0.022	0.024	0.024	0.025	0.03
9	0.026	0.023	0.024	0.023	0.026	0.037	0.04
10	0.040	0.031	0.025	0.025	0.024	0.024	0.04
11	0.028	0.025	0.023	0.021	0.027	0.025	0.03
12	0.036	0.026	0.024	0.026	0.025	0.030	0.04
13	0.023	0.026	0.023	0.025	0.025	0.030	0.03
14	0.031	0.034	0.031	0.027	0.028	0.037	0.04
15	0.065	0.038	0.036	0.034	0.039	0.035	0.07
16	0.035	0.036	0.032	0.029	0.031	0.033	0.04
17	0.033	0.029	0.028	0.026	0.027	0.039	0.04
18	0.027	0.029	0.056	0.027	0.026	0.026	0.06
19	0.024	0.028	0.022	0.022	0.027	0.027	0.03
20	0.026	0.025	0.024	0.028	0.029	0.033	0.03
21	0.036	0.037	0.033	0.032	0.034	0.034	0.04
22	0.035	0.030	0.029	0.030	0.027	0.032	0.04
23	0.032	0.029	0.029	0.030	0.034	0.034	0.03
24	0.039	0.030	0.031	0.033	0.031	0.037	0.04
25	0.037	0.039	0.034	0.024	0.024	0.032	0.04
26	0.027	0.022	0.024	0.024	0.025	0.027	0.03
27	0.031	0.026	0.025	0.035	0.029	0.031	0.04
28	0.028	0.030	0.024	0.024	0.024	0.029	0.03
29	0.034	0.034	0.030	0.031	0.030	0.035	0.04
30	0.037	0.037	0.034	0.031	0.031	0.030	0.04
31	0.027	0.023	0.023	0.023	0.025	0.026	0.03

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 0.3 NTU?	Yes / No	CT's met everyday? (see back)
All daily turbidity readings ≤ 1 NTU?	Yes / No	All Cl2 residual at entry point ≥ 0.2 mg/l?
All turbidity readings < IFE ² triggers	Yes / No	Yes / No

Notes:

PRINTED NAME: Brian Hutchins

SIGNATURE: *Brian Hutchins*

PHONE #: (503) 582-9655

CERT #: T-6660

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: Jul-23		WTP - : Disinfection <i>Giardia</i> Log Inactiv:		WTP-H 0.5	
-----------------------------------	--	--	--	--	--	---------	--	-------	--	--------------------	--	--	--	--------------	--

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	0.97	45	43.4	22.9	7.79	10.7	Yes	9854
2	1.03	30	30.3	23.1	7.92	11.2	Yes	9989
3	0.94	44	40.8	23.2	7.89	10.9	Yes	9837
4	0.88	40	35.1	23.2	7.79	10.4	Yes	9705
5	1.01	31	30.9	23.3	7.87	10.8	Yes	10022
6	0.97	35	33.8	23.5	7.92	10.8	Yes	8872
7	0.96	28	27.3	23.7	7.89	10.5	Yes	9978
8	0.97	30	29.1	23.8	7.82	10.2	Yes	10020
9	0.96	44	42.6	23.5	7.82	10.4	Yes	9807
10	0.88	42	36.9	23.0	7.86	10.9	Yes	9615
11	0.88	44	38.3	22.4	7.92	11.5	Yes	9343
12	0.87	25	21.9	22.1	7.85	11.4	Yes	11137
13	0.98	32	31.4	22.2	7.97	12.0	Yes	9518
14	0.97	31	30.3	22.9	7.99	11.5	Yes	9630
15	1.01	28	28.8	23.6	7.98	11.0	Yes	10180
16	1.00	29	29.0	24.2	7.98	10.6	Yes	10076
17	1.02	32	32.8	24.7	7.98	10.3	Yes	9829
18	0.87	22	18.9	24.7	8.04	10.3	Yes	9848
19	0.88	25	21.6	24.5	8.05	10.5	Yes	11057
20	1.04	30	31.1	24.1	7.96	10.6	Yes	10207
21	0.97	30	29.4	24.3	7.95	10.3	Yes	10030
22	1.07	23	24.9	24.5	8.03	10.7	Yes	10455
23	0.94	29	26.9	24.6	8.01	10.3	Yes	9821
24	0.91	31	28.4	24.6	7.97	10.2	Yes	9752
25	0.94	31	29.0	24.6	7.98	10.2	Yes	9949
26	0.87	24	21.0	24.1	7.94	10.3	Yes	10073
27	1.09	31	33.6	23.8	7.98	11.0	Yes	9930
28	0.98	31	30.3	23.9	7.95	10.7	Yes	9783
29	1.05	31	31.9	23.8	7.98	10.9	Yes	9977
30	1.03	32	32.5	23.8	7.98	10.9	Yes	9717
31	1.05	29	30.9	23.7	8.03	11.2	Yes	9547

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: July 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	3054	0.78	3.93	1.3	3.0	2.5	3.6	6.1
2	3648	0.98	2.83	1.0	3.0	2.5	3.4	5.9
3	2803	0.78	2.69	0.9	3.0	2.5	3.6	6.1
4	3184	1.09	3.39	1.2	3.0	2.5	3.7	6.2
5	3682	0.85	2.07	0.7	3.0	2.5	3.6	6.1
6	3296	0.58	1.57	0.6	3.0	2.5	3.6	6.1
7	3675	0.74	1.88	0.7	3.0	2.5	3.5	6.0
8	3435	0.67	1.76	0.6	3.0	2.5	3.6	6.1
9	2989	0.63	1.80	0.6	3.0	2.5	3.8	6.3
10	3105	0.75	2.12	0.7	3.0	2.5	3.7	6.2
11	3177	0.82	2.47	0.8	3.0	2.5	3.7	6.2
12	4030	1.04	2.62	0.8	3.0	2.5	3.4	5.9
13	3253	0.66	1.94	0.6	3.0	2.5	3.6	6.1
14	3469	0.88	2.62	0.9	3.0	2.5	3.6	6.1
15	3593	0.83	2.29	0.8	3.0	2.5	3.5	6.0
16	3924	0.98	2.56	1.0	3.0	2.5	3.6	6.1
17	3119	0.67	4.03	1.6	3.0	2.5	3.6	6.1
18	3446	0.48	2.83	1.1	3.0	2.5	3.4	5.9
19	3678	0.43	2.76	1.1	3.0	2.5	3.4	5.9
20	3546	0.45	2.98	1.1	3.0	2.5	3.6	6.1
21	3891	0.55	3.87	1.5	3.0	2.5	3.6	6.1
22	3845	0.51	3.58	1.4	3.0	2.5	3.5	6.0
23	3272	0.35	2.29	0.9	3.0	2.5	3.5	6.0
24	3490	0.47	3.01	1.2	3.0	2.5	3.5	6.0
25	3363	0.41	2.88	1.1	3.0	2.5	3.5	6.0
26	3612	0.44	3.04	1.1	3.0	2.5	3.4	5.9
27	3419	0.40	2.59	0.9	3.0	2.5	3.6	6.1
28	3482	0.35	2.08	0.8	3.0	2.5	3.6	6.1
29	3419	0.37	2.38	0.9	3.0	2.5	3.5	6.0
30	3354	0.38	2.56	0.9	3.0	2.5	3.6	6.1
31	3331	0.40	2.73	1.0	3.0	2.5	3.6	6.1