

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Jul-21

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	0.027	0.028	0.028	0.031	0.031	0.031	0.03
2	0.028	0.030	0.026	0.028	0.028	0.028	0.03
3	0.032	0.024	0.029	0.030	0.028	0.031	0.03
4	0.032	0.030	0.028	0.028	0.032	0.030	0.03
5	0.026	0.027	0.025	0.028	0.025	0.026	0.03
6	0.026	0.027	0.027	0.027	0.028	0.028	0.03
7	0.029	0.027	0.027	0.026	0.029	0.032	0.03
8	0.030	0.033	0.031	0.027	0.026	0.033	0.03
9	0.032	0.031	0.028	0.023	0.024	0.026	0.03
10	0.028	0.031	0.026	0.029	0.030	0.033	0.03
11	0.028	0.030	0.027	0.030	0.034	0.027	0.03
12	0.026	0.021	0.025	0.028	0.023	0.031	0.03
13	0.032	0.033	0.025	0.026	0.027	0.041	0.04
14	0.028	0.030	0.029	0.033	0.030	0.033	0.03
15	0.027	0.026	0.022	0.034	0.033	0.031	0.03
16	0.033	0.034	0.035	0.038	0.033	0.035	0.04
17	0.035	0.030	0.031	0.033	0.031	0.035	0.04
18	0.028	0.033	0.032	0.040	0.046	0.030	0.05
19	0.032	0.028	0.034	0.029	0.036	0.030	0.04
20	0.037	0.025	0.026	0.027	0.030	0.030	0.04
21	0.027	0.029	0.028	0.030	0.032	0.027	0.03
22	0.030	0.036	0.032	0.027	0.029	0.029	0.04
23	0.027	0.025	0.022	0.025	0.031	0.034	0.03
24	0.036	0.038	0.036	0.032	0.032	0.037	0.04
25	0.039	0.035	0.049	0.062	0.038	0.038	0.06
26	0.040	0.038	0.050	0.042	0.032	0.028	0.05
27	0.040	0.036	0.044	0.054	0.041	0.042	0.05
28	0.039	0.026	0.043	0.043	0.041	0.042	0.04
29	0.041	0.037	0.041	0.042	0.040	0.044	0.04
30	0.042	0.047	0.045	0.040	0.044	0.042	0.05
31	0.038	0.036	0.040	0.041	0.041	0.040	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) <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: Howard Hamilton SIGNATURE: <i>HJ Hamilton</i> 8/2/2021 PHONE #: (503) 582-9655 CERT #: T-09429	

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

WTP - : WTP-H

System Name:	WILSONVILLE, CITY OF	ID#: 41	00954	Month/Year:	Jul-21	Disinfection <i>Giardia</i> Log Inactiv:	0.5
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Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	0.90	53	47.7	24.4	7.81	9.7	Yes	8565
2	1.01	30	30.4	23.2	7.92	11.1	Yes	9187
3	0.87	24	20.5	22.7	7.90	11.2	Yes	10628
4	0.92	44	40.9	22.5	7.80	11.0	Yes	9899
5	0.93	48	44.6	22.8	7.79	10.8	Yes	9008
6	0.84	30	24.9	23.0	7.84	10.7	Yes	9848
7	0.87	29	25.2	23.6	7.82	10.2	Yes	9888
8	0.92	49	45.4	23.8	7.83	10.2	Yes	9000
9	0.75	29	21.4	23.6	7.91	10.4	Yes	9423
10	0.83	26	21.4	23.4	7.92	10.7	Yes	10840
11	0.89	40	35.3	23.1	7.91	10.9	Yes	9735
12	0.94	29	27.2	23.2	7.90	10.9	Yes	9843
13	0.89	49	43.5	23.4	7.87	10.6	Yes	8804
14	0.94	31	29.0	23.6	8.01	11.1	Yes	9504
15	0.94	45	42.6	23.8	7.97	10.7	Yes	9131
16	0.89	26	23.5	23.8	7.90	10.4	Yes	9795
17	0.88	30	26.0	23.7	7.82	10.2	Yes	9999
18	0.98	27	26.0	23.4	7.84	10.6	Yes	11448
19	0.99	32	31.2	23.3	7.86	10.7	Yes	9549
20	0.87	30	26.3	23.3	7.87	10.6	Yes	9932
21	0.93	31	28.5	23.3	7.90	10.8	Yes	9616
22	0.87	48	41.5	23.3	8.00	11.1	Yes	9496
23	0.81	31	25.4	23.1	8.05	11.4	Yes	9694
24	0.61	28	17.1	23.0	7.90	10.7	Yes	10285
25	1.00	28	27.8	23.0	7.87	11.0	Yes	9884
26	0.93	27	25.1	23.2	7.87	10.8	Yes	9935
27	1.03	26	26.6	23.4	7.78	10.4	Yes	10463
28	0.93	31	28.6	23.9	7.84	10.2	Yes	10044
29	0.96	30	29.1	24.0	7.83	10.0	Yes	9990
30	0.91	30	27.2	24.5	7.78	9.5	Yes	10012
31	0.92	31	28.2	24.7	7.76	9.3	Yes	9977

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 2021								
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	Sum of Giardia Inactivation Clear Well + Ozone	Total Plant Giardia Log Reduction
	gpm	mg/L	C X T	Log	Log	Log	Log	
1	2780	0.28	3.16	1.2	3.0	2.5	3.7	6.2
2	3418	0.32	3.77	1.3	3.0	2.5	3.4	5.9
3	3520	0.36	4.43	1.5	3.0	2.5	3.3	5.8
4	3083	0.28	3.56	1.1	3.0	2.5	3.8	6.3
5	3201	0.26	3.08	1.0	3.0	2.5	3.8	6.3
6	3292	0.26	3.04	1.0	3.0	2.5	3.5	6.0
7	3432	0.26	3.12	1.1	3.0	2.5	3.5	6.0
8	2984	0.25	3.05	1.1	3.0	2.5	3.9	6.4
9	3324	0.25	3.12	1.1	3.0	2.5	3.4	5.9
10	3569	0.24	3.03	1.1	3.0	2.5	3.4	5.9
11	3054	0.24	3.31	1.1	3.0	2.5	3.7	6.2
12	3401	0.29	3.23	1.1	3.0	2.5	3.5	6.0
13	3039	0.38	3.27	1.1	3.0	2.5	3.8	6.3
14	3446	0.42	3.56	1.3	3.0	2.5	3.6	6.1
15	3084	0.40	3.69	1.3	3.0	2.5	3.8	6.3
16	3321	0.40	3.50	1.3	3.0	2.5	3.4	5.9
17	3306	0.38	3.32	1.2	3.0	2.5	3.5	6.0
18	3269	0.37	3.45	1.2	3.0	2.5	3.5	6.0
19	3304	0.38	3.50	1.2	3.0	2.5	3.6	6.1
20	3420	0.37	3.33	1.2	3.0	2.5	3.5	6.0
21	3345	0.34	3.06	1.1	3.0	2.5	3.5	6.0
22	3037	0.34	3.24	1.1	3.0	2.5	3.8	6.3
23	3262	0.35	3.45	1.2	3.0	2.5	3.5	6.0
24	3763	0.36	3.35	1.1	3.0	2.5	3.3	5.8
25	3207	0.33	3.28	1.1	3.0	2.5	3.5	6.0
26	3388	0.34	3.28	1.1	3.0	2.5	3.5	6.0
27	3651	0.35	3.38	1.2	3.0	2.5	3.5	6.0
28	3584	0.32	3.16	1.2	3.0	2.5	3.5	6.0
29	3243	0.30	3.05	1.1	3.0	2.5	3.5	6.0
30	3423	0.32	3.28	1.3	3.0	2.5	3.5	6.0
31	3694	0.33	3.37	1.3	3.0	2.5	3.5	6.0