

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Jun-22

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	0.045	0.051	0.050	0.047	0.047	0.049	0.05
2	0.047	0.045	0.047	0.042	0.046	0.047	0.05
3	0.061	0.054	0.043	0.043	0.045	0.053	0.06
4	0.055	0.045	0.043	0.044	0.042	0.045	0.06
5	0.061	0.052	0.046	0.044	0.045	0.046	0.06
6	0.049	0.055	0.049	0.032	0.027	0.032	0.06
7	0.043	0.035	0.032	0.033	0.039	0.032	0.04
8	0.035	0.032	0.031	0.032	0.028	0.034	0.04
9	0.032	0.033	0.029	0.029	0.035	0.033	0.04
10	0.032	0.038	0.029	0.032	0.030	0.042	0.04
11	0.050	0.048	0.033	0.032	0.031	0.046	0.05
12	0.062	0.050	0.049	0.040	0.039	0.057	0.06
13	0.062	0.038	0.059	0.038	0.036	0.037	0.06
14	0.036	0.037	0.036	0.036	0.031	0.047	0.05
15	0.047	0.044	0.064	0.044	0.039	0.042	0.06
16	0.051	0.070	0.066	0.066	0.051	0.045	0.07
17	0.052	0.048	0.049	0.048	0.047	0.049	0.05
18	0.047	0.048	0.045	0.044	0.043	0.053	0.05
19	0.047	0.048	0.047	0.048	0.046	0.048	0.05
20	0.068	0.050	0.043	0.042	0.042	0.044	0.07
21	0.051	0.044	0.045	0.050	0.049	0.051	0.05
22	0.047	0.047	0.049	Plant Off	0.060	0.052	0.06
23	0.045	0.041	0.041	0.041	0.042	0.044	0.05
24	0.045	0.049	0.048	0.048	0.047	0.055	0.06
25	0.055	0.060	0.057	0.054	0.053	0.061	0.06
26	0.054	0.053	0.055	0.051	0.041	0.044	0.06
27	0.052	0.054	0.051	0.052	0.048	0.060	0.06
28	0.060	0.052	0.051	0.051	0.056	0.063	0.06
29	0.061	0.057	0.051	0.051	0.056	0.063	0.06
30	0.055	0.053	0.050	0.049	0.051	0.050	0.06
31							0.00

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) Yes/No	All Cl2 residual at entry point ≥ 0.2 mg/l? Yes/No
All daily turbidity readings ≤ 1 NTU? Yes/No		
All turbidity readings < IFE ² triggers Yes/No		
Notes:	PRINTED NAME: Howard Hamilton	
	SIGNATURE: <i>HJ Hamilton</i>	7-1-2022
	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

System Name: WILSONVILLE, CITY OF						ID#: 41		00954		Month/Year: Jun-22		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	0.92	94	87.0	14.2	7.86	19.6	Yes	4636
2	0.97	95	92.3	14.5	7.86	19.2	Yes	4670
3	1.00	100	100.4	15.1	7.93	19.1	Yes	4230
4	1.05	95	99.7	15.8	7.90	18.2	Yes	4608
5	1.07	142	151.3	15.5	7.91	18.5	Yes	3121
6	1.05	114	119.7	15.2	7.91	18.9	Yes	3860
7	0.98	113	110.9	15.1	7.90	18.9	Yes	3892
8	0.95	102	97.1	15.1	7.85	18.4	Yes	4344
9	0.97	105	102.3	14.9	7.89	19.0	Yes	4141
10	1.00	86	85.8	14.9	7.90	19.1	Yes	5039
11	1.02	124	126.1	15.1	7.88	18.8	Yes	3491
12	1.00	116	116.3	14.6	7.83	19.0	Yes	3827
13	0.98	86	84.7	13.8	8.00	21.3	Yes	4546
14	0.96	108	103.6	13.3	7.81	20.6	Yes	4048
15	0.93	109	101.4	13.2	7.79	20.4	Yes	4030
16	0.94	68	63.7	13.3	7.85	20.8	Yes	6216
17	1.04	117	121.5	13.5	7.83	20.5	Yes	3731
18	1.04	122	126.4	13.9	7.83	20.0	Yes	3550
19	1.03	111	114.7	14.1	7.83	19.7	Yes	3830
20	1.00	125	125.2	14.1	7.87	20.0	Yes	3382
21	0.93	80	74.0	14.4	7.84	19.2	Yes	5120
22	0.92	67	61.0	15.0	7.87	18.5	Yes	6621
23	0.87	66	57.9	16.2	7.89	17.2	Yes	6569
24	1.00	62	62.2	17.3	7.87	16.1	Yes	6991
25	0.98	58	56.8	18.1	7.91	15.5	Yes	7734
26	0.99	52	51.2	18.6	7.88	14.8	Yes	8643
27	1.07	48	51.2	19.3	7.86	14.2	Yes	9257
28	1.03	46	47.1	20.2	7.85	13.2	Yes	9184
29	0.98	53	51.3	20.2	7.94	13.6	Yes	8273
30	0.99	47	46.6	19.8	7.89	13.7	Yes	8496
31			0.0			4.2	No	

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: June 2022								
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	1598	0.25	7.86	1.2	3.0	2.5	4.2	6.7
2	1492	0.24	8.00	1.2	3.0	2.5	4.3	6.8
3	1676	0.28	8.82	1.4	3.0	2.5	4.4	6.9
4	1515	0.24	8.30	1.4	3.0	2.5	4.9	7.4
5	1229	0.20	8.46	1.4	3.0	2.5	5.9	8.4
6	1221	0.18	7.38	1.2	3.0	2.5	5.2	7.7
7	1392	0.20	7.25	1.2	3.0	2.5	5.1	7.6
8	1667	0.22	7.40	1.2	3.0	2.5	4.8	7.3
9	1456	0.20	7.90	1.3	3.0	2.5	4.9	7.4
10	1452	0.22	8.82	1.4	3.0	2.5	4.6	7.1
11	1260	0.18	7.92	1.3	3.0	2.5	5.4	7.9
12	1368	0.19	7.50	1.2	3.0	2.5	5.2	7.7
13	1384	0.20	8.32	1.2	3.0	2.5	4.6	7.1
14	1256	0.19	8.69	1.2	3.0	2.5	5.0	7.5
15	1527	0.21	9.21	1.3	3.0	2.5	4.9	7.4
16	1833	0.24	9.22	1.3	3.0	2.5	4.2	6.7
17	1324	0.19	9.35	1.3	3.0	2.5	5.3	7.8
18	1348	0.19	9.33	1.4	3.0	2.5	5.4	7.9
19	1205	0.17	9.43	1.4	3.0	2.5	5.2	7.7
20	1335	0.18	8.69	1.3	3.0	2.5	5.4	7.9
21	1663	0.19	8.01	1.2	3.0	2.5	4.4	6.9
22	2082	0.22	7.09	1.1	3.0	2.5	4.2	6.7
23	2234	0.23	7.65	1.4	3.0	2.5	4.1	6.6
24	2269	0.21	6.77	1.4	3.0	2.5	4.2	6.7
25	2658	0.21	6.32	1.4	3.0	2.5	4.1	6.6
26	2623	0.18	5.36	1.2	3.0	2.5	4.0	6.5
27	2784	0.16	4.51	1.1	3.0	2.5	4.0	6.5
28	2475	0.17	4.48	1.2	3.0	2.5	3.9	6.4
29	2406	0.16	4.83	1.3	3.0	2.5	3.8	6.3
30	2867	0.32	5.63	1.4	3.0	2.5	3.9	6.4