

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Nov-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	0.023	0.023	0.027	0.031	0.022	0.027	0.03
2	0.028	0.027	0.034	0.024	0.026	0.025	0.03
3	0.026	0.027	0.026	0.027	0.027	0.031	0.03
4	0.030	0.032	0.036	0.036	0.031	0.032	0.04
5	0.030	0.030	0.028	0.037	0.046	0.033	0.05
6	0.034	0.033	0.035	0.050	0.042	0.050	0.05
7	0.031	0.025	0.031	0.026	0.029	0.025	0.03
8	0.023	0.025	0.028	0.026	0.032	0.029	0.03
9	0.025	0.026	0.028	Plant Off	0.027	0.027	0.03
10	0.026	0.024	Plant Off	Plant Off	Plant Off	0.070	0.07
11	0.026	0.023	0.049	0.032	0.024	0.034	0.05
12	0.040	0.034	0.030	0.029	0.028	0.026	0.04
13	0.024	0.028	0.023	0.036	0.023	0.027	0.04
14	0.030	0.027	0.028	0.026	0.024	0.024	0.03
15	0.032	0.027	0.038	0.027	0.024	0.025	0.04
16	0.029	0.026	0.026	0.022	0.018	0.019	0.03
17	0.018	0.026	0.022	0.022	0.029	0.026	0.03
18	0.024	0.026	0.028	0.029	0.026	0.023	0.03
19	0.027	0.024	0.026	0.027	0.024	0.024	0.03
20	0.026	0.031	0.029	0.031	0.026	0.024	0.03
21	0.031	0.024	0.025	0.026	0.022	0.020	0.03
22	0.029	0.030	0.022	0.025	0.027	0.028	0.03
23	0.032	0.048	0.040	0.021	0.021	0.021	0.05
24	0.023	0.021	0.029	0.027	0.019	0.027	0.03
25	0.018	0.019	0.018	0.020	0.033	0.020	0.03
26	0.020	0.019	0.020	0.019	0.019	0.018	0.02
27	0.025	0.024	0.026	0.038	0.029	0.027	0.04
28	0.032	0.026	0.028	0.026	0.027	0.026	0.03
29	0.028	0.028	0.029	0.048	0.028	0.029	0.05
30	0.028	0.029	0.027	0.038	0.038	0.028	0.04
31							0.00

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

Notes:	PRINTED NAME: Howard Hamilton	
	SIGNATURE: <i>HJ Hamilton</i>	12-1-2022
	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

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

System Name: WILSONVILLE, CITY OF ID#: 41 00954 Month/Year: Nov-22

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	0.95	84	79.4	13.9	7.89	20.3	Yes	4714
2	0.94	98	91.9	14.1	7.94	20.4	Yes	4312
3	0.95	147	139.8	13.3	7.97	21.6	Yes	3017
4	0.98	99	97.5	12.7	8.03	23.2	Yes	4163
5	0.97	119	115.2	12.4	8.03	23.6	Yes	3515
6	1.02	104	105.9	11.9	8.01	24.3	Yes	3993
7	0.94	144	135.5	11.4	7.96	24.5	Yes	3016
8	0.94	128	119.7	10.4	7.90	25.5	Yes	3421
9	0.86	94	81.1	10.2	8.10	27.6	Yes	4158
10	0.80	82	65.9	9.9	8.00	27.1	Yes	3986
11	0.89	126	112.8	9.7	7.95	27.2	Yes	3297
12	0.91	99	90.2	9.6	7.98	27.6	Yes	4233
13	0.94	96	90.2	9.6	8.00	28.1	Yes	4346
14	0.93	133	123.3	9.6	7.99	27.9	Yes	3272
15	0.99	106	104.9	9.3	8.04	29.2	Yes	4014
16	0.97	108	104.6	9.0	7.95	28.8	Yes	3971
17	0.89	131	117.0	8.8	7.96	29.0	Yes	3163
18	1.00	137	137.3	8.4	7.98	30.4	Yes	3106
19	1.01	137	138.9	8.0	8.00	31.4	Yes	3056
20	0.83	114	94.8	7.7	7.99	31.2	Yes	3866
21	0.88	113	99.5	7.4	8.01	32.3	Yes	3860
22	0.93	109	100.9	7.4	8.01	32.5	Yes	3937
23	0.93	123	114.1	7.5	8.01	32.4	Yes	3512
24	0.98	146	142.2	7.8	7.98	31.7	Yes	3003
25	1.00	130	129.3	8.1	7.99	31.0	Yes	3415
26	1.00	139	140.0	8.6	7.99	30.1	Yes	3092
27	1.05	100	104.9	8.9	7.99	29.7	Yes	4323
28	0.92	132	121.7	9.0	7.99	29.0	Yes	3281
29	0.96	103	98.2	8.8	7.97	29.2	Yes	4131
30	0.96	128	123.7	8.6	8.00	30.0	Yes	3389
31			0.0			4.2	No	2298

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: NOV 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	1441	0.27	7.71	1.1	3.0	2.5	4.1	6.6
2	1380	0.28	8.38	1.2	3.0	2.5	4.3	6.8
3	1154	0.25	8.42	1.2	3.0	2.5	5.0	7.5
4	1364	0.26	8.11	1.0	3.0	2.5	4.9	7.4
5	1179	0.27	8.81	1.1	3.0	2.5	5.2	7.7
6	1226	0.30	9.39	1.1	3.0	2.5	5.0	7.5
7	1126	0.29	9.79	1.1	3.0	2.5	5.5	8.0
8	1175	0.32	11.04	1.2	3.0	2.5	5.3	7.8
9	1278	0.37	10.16	1.0	3.0	2.5	4.5	7.0
10	985	0.33	9.70	1.0	3.0	2.5	4.3	6.8
11	1413	0.36	11.05	1.1	3.0	2.5	5.1	7.6
12	1369	0.34	11.45	1.1	3.0	2.5	4.7	7.2
13	1273	0.32	11.35	1.1	3.0	2.5	4.7	7.2
14	1000	0.28	11.48	1.1	3.0	2.5	5.4	7.9
15	1176	0.32	12.09	1.1	3.0	2.5	5.0	7.5
16	1354	0.36	12.21	1.1	3.0	2.5	5.0	7.5
17	1167	0.30	11.83	1.1	3.0	2.5	5.2	7.7
18	1013	0.29	12.28	1.1	3.0	2.5	5.6	8.1
19	1071	0.33	13.75	1.2	3.0	2.5	5.6	8.1
20	1053	0.34	14.37	1.2	3.0	2.5	4.8	7.3
21	1344	0.38	14.26	1.1	3.0	2.5	4.9	7.4
22	1299	0.34	13.52	1.1	3.0	2.5	4.9	7.4
23	1171	0.31	13.71	1.1	3.0	2.5	5.2	7.7
24	930	0.26	13.71	1.1	3.0	2.5	5.6	8.1
25	1207	0.28	12.15	1.0	3.0	2.5	5.4	7.9
26	1002	0.25	11.77	1.0	3.0	2.5	5.7	8.2
27	987	0.23	11.35	1.0	3.0	2.5	5.0	7.5
28	1036	0.28	13.43	1.2	3.0	2.5	5.3	7.8
29	1328	0.31	12.60	1.1	3.0	2.5	4.6	7.1
30	1148	0.28	13.02	1.2	3.0	2.5	5.3	7.8
31								