

OHA - Drinking Water Program -Turbidity Monitoring Report Form
Conventional or Direct Filtration

County: **Clackamas**
 Month/Year: **Sep-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	0.054	0.024	0.027	0.030	0.031	0.030	0.05
2	0.035	0.031	0.026	0.031	0.032	0.032	0.04
3	0.035	0.029	0.029	0.034	0.029	0.035	0.04
4	0.062	0.035	0.032	0.034	0.032	0.048	0.06
5	0.038	0.047	0.034	0.036	0.034	0.036	0.05
6	0.036	0.059	0.035	0.031	0.034	0.049	0.06
7	0.036	0.045	0.035	0.037	0.041	0.043	0.05
8	0.039	0.038	0.035	0.040	0.043	0.050	0.05
9	0.044	0.041	0.040	0.042	0.052	0.051	0.05
10	0.053	0.046	0.038	0.040	0.053	0.039	0.05
11	0.037	0.043	0.034	0.037	0.036	0.041	0.04
12	0.050	0.042	0.025	0.030	0.030	0.040	0.05
13	0.036	0.036	0.030	0.030	0.032	0.031	0.04
14	0.028	0.039	0.041	0.045	0.037	0.037	0.05
15	0.036	0.030	0.029	0.028	0.031	0.034	0.04
16	0.031	0.029	0.029	0.030	0.033	0.030	0.03
17	0.028	0.028	0.027	0.027	0.028	0.032	0.03
18	0.043	0.048	0.030	0.027	0.034	0.035	0.05
19	0.039	0.093	0.035	0.035	0.038	0.036	0.09
20	0.043	0.038	0.034	0.033	0.037	0.038	0.04
21	0.036	0.032	0.048	0.047	0.054	0.047	0.05
22	0.029	0.030	0.025	0.028	0.030	0.027	0.03
23	0.029	0.028	0.028	0.033	0.033	0.035	0.04
24	0.041	0.036	0.027	0.040	0.035	0.035	0.04
25	0.034	0.047	0.027	0.027	0.026	0.048	0.05
26	0.039	0.053	0.032	0.034	0.026	0.055	0.06
27	0.048	0.073	0.031	0.031	0.033	0.055	0.07
28	0.034	0.059	0.033	0.031	0.034	0.035	0.06
29	0.037	0.036	0.057	0.052	0.057	0.049	0.06
30	0.052	0.056	0.037	0.034	0.036	0.037	0.06
31							

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

Notes:	PRINTED NAME: Brian Hutchins
	SIGNATURE: 
	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: Sep-23		WTP - : Disinfection <i>Giardia</i> Log Inactiv:		WTP-H	
														0.5	

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	1.04	55	57.2	20.0	7.87	13.5	Yes	8068
2	0.99	57	56.3	19.8	7.86	13.6	Yes	7824
3	0.92	63	58.5	19.9	7.87	13.5	Yes	7015
4	0.94	59	55.3	20.0	7.87	13.4	Yes	7036
5	0.94	65	61.2	19.9	7.90	13.6	Yes	6534
6	0.93	58	53.8	19.7	7.96	14.1	Yes	7511
7	0.99	54	53.1	19.7	7.89	13.8	Yes	8270
8	1.03	58	59.3	19.8	7.87	13.7	Yes	7724
9	1.02	56	56.6	19.9	7.87	13.6	Yes	7980
10	0.97	57	55.6	20.1	7.88	13.4	Yes	7530
11	0.96	51	49.2	20.1	7.94	13.6	Yes	7989
12	0.96	57	54.6	20.2	7.92	13.4	Yes	7297
13	0.90	43	38.7	20.4	8.00	13.6	Yes	9549
14	1.02	54	55.4	20.4	7.88	13.2	Yes	8157
15	1.01	56	56.9	20.5	7.92	13.3	Yes	7700
16	1.05	55	57.2	20.7	7.91	13.1	Yes	7860
17	0.99	57	56.7	20.8	7.85	12.7	Yes	7529
18	0.93	54	50.1	20.7	7.82	12.5	Yes	8052
19	0.91	53	48.0	20.2	7.87	13.1	Yes	8056
20	0.91	51	46.4	19.9	7.73	12.7	Yes	8866
21	0.96	62	59.6	19.3	7.83	13.8	Yes	7062
22	1.00	71	70.6	18.9	7.82	14.2	Yes	6208
23	1.00	77	77.3	18.5	7.79	14.5	Yes	5795
24	0.99	75	74.4	18.3	7.76	14.5	Yes	5872
25	1.01	79	80.2	17.9	7.83	15.3	Yes	5139
26	0.99	96	95.5	17.5	7.78	15.4	Yes	4402
27	0.98	95	93.3	16.9	7.85	16.4	Yes	4523
28	1.01	107	108.2	16.7	7.81	16.5	Yes	4136
29	1.00	124	123.9	16.7	7.75	16.1	Yes	3395
30	1.00	99	99.3	16.7	7.78	16.3	Yes	4507
31			0.0			4.2		4327

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: September 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	2497	0.36	3.66	0.9	3.0	2.5	3.8	6.3
2	2514	0.32	2.86	0.7	3.0	2.5	3.8	6.3
3	2071	0.29	3.00	0.8	3.0	2.5	3.8	6.3
4	2126	0.29	2.60	0.7	3.0	2.5	4.1	6.6
5	2304	0.34	3.23	0.8	3.0	2.5	4.2	6.7
6	2346	0.33	3.06	0.8	3.0	2.5	4.0	6.5
7	2597	0.34	2.80	0.7	3.0	2.5	4.0	6.5
8	2506	0.30	2.46	0.6	3.0	2.5	4.1	6.6
9	2532	0.47	4.45	1.1	3.0	2.5	4.1	6.6
10	2377	0.45	4.57	1.2	3.0	2.5	4.1	6.6
11	2465	0.54	6.13	1.6	3.0	2.5	3.9	6.4
12	2501	0.43	4.83	1.3	3.0	2.5	4.0	6.5
13	2858	0.49	4.05	1.1	3.0	2.5	3.7	6.2
14	2409	0.37	3.49	0.9	3.0	2.5	4.1	6.6
15	2554	0.40	3.54	0.9	3.0	2.5	4.1	6.6
16	2646	0.43	3.99	1.1	3.0	2.5	4.1	6.6
17	2251	0.34	3.35	0.9	3.0	2.5	4.1	6.6
18	2643	0.44	4.02	1.1	3.0	2.5	4.0	6.5
19	2349	0.41	4.20	1.1	3.0	2.5	3.9	6.4
20	2509	0.44	4.18	1.1	3.0	2.5	3.9	6.4
21	2268	0.32	3.18	0.8	3.0	2.5	4.1	6.6
22	2274	0.36	3.96	0.9	3.0	2.5	4.3	6.8
23	2064	0.31	3.70	0.8	3.0	2.5	4.5	7.0
24	1844	0.34	4.52	1.0	3.0	2.5	4.4	6.9
25	1856	0.40	5.62	1.2	3.0	2.5	4.5	7.0
26	1517	0.31	4.96	1.0	3.0	2.5	4.9	7.4
27	1625	0.25	3.83	0.7	3.0	2.5	4.8	7.3
28	1427	0.36	6.05	1.1	3.0	2.5	5.1	7.6
29	1375	0.41	6.89	1.3	3.0	2.5	5.0	7.5
30	1629	0.43	6.74	1.3	3.0	2.5	4.9	7.4
31								