

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: May-24

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	0.030	0.029	0.035	0.032	0.033	0.04
2	0.034	0.029	0.038	0.032	0.030	0.031	0.04
3	0.032	0.028	0.027	0.031	0.030	0.028	0.03
4	0.030	0.028	0.028	0.031	0.031	0.031	0.03
5	0.031	0.028	0.031	0.042	Plant Off	0.038	0.04
6	0.035	0.049	0.040	0.038	0.040	0.044	0.05
7	0.038	0.038	0.042	0.043	0.034	0.030	0.04
8	0.033	0.028	0.043	0.051	0.048	0.050	0.05
9	0.034	0.031	0.029	0.033	0.038	0.029	0.04
10	0.031	0.033	0.032	0.032	0.028	0.029	0.03
11	0.033	0.033	0.040	0.049	0.061	0.033	0.06
12	0.031	0.030	0.045	0.071	0.034	0.031	0.07
13	0.031	0.030	0.049	0.046	0.033	0.033	0.05
14	0.052	0.040	0.073	0.040	0.029	0.029	0.07
15	0.026	0.028	0.026	0.033	0.026	0.028	0.03
16	0.029	0.028	0.036	Plant Off	0.027	0.029	0.04
17	0.026	0.026	0.034	0.024	0.025	0.028	0.03
18	0.026	0.027	0.036	0.023	0.023	0.028	0.04
19	0.028	0.030	0.043	0.029	0.028	0.031	0.04
20	0.033	0.034	0.030	Plant Off	0.055	0.047	0.06
21	0.045	0.047	0.043	0.048	0.035	0.032	0.05
22	0.040	0.034	0.046	0.033	0.035	0.037	0.05
23	0.035	0.033	0.045	Plant Off	0.034	0.034	0.05
24	0.031	0.031	0.042	0.044	0.029	0.055	0.06
25	0.037	0.033	0.035	0.036	0.034	0.033	0.04
26	0.039	0.037	0.050	0.050	0.054	0.049	0.05
27	0.048	0.044	0.039	0.041	0.040	0.040	0.05
28	0.043	0.026	0.027	0.039	0.034	0.028	0.04
29	0.041	0.028	0.031	Plant Off	0.044	0.025	0.04
30	0.032	0.031	0.024	0.041	0.038	0.030	0.04
31	0.032	0.028	0.027	0.031	0.030	0.028	0.03

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)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<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: Kimberleigh Reid	
	SIGNATURE: <i>Kimberleigh Reid</i>	CERT#
	PHONE #: (503) 582-9655	T-371621

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: May-24

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	1.10	89	97.6	12.7	7.90	22.4	Yes	4478
2	1.06	120	127.5	12.5	7.86	22.3	Yes	3502
3	1.05	126	132.2	12.3	7.82	22.2	Yes	3224
4	1.03	148	153.1	12.4	7.81	22.0	Yes	2738
5	1.03	96	98.4	12.3	7.83	22.2	Yes	3537
6	0.96	94	90.6	11.7	7.94	23.9	Yes	4554
7	1.00	123	124.0	11.6	7.95	24.3	Yes	3632
8	0.98	126	122.9	11.6	7.86	23.5	Yes	3470
9	1.01	134	135.3	11.7	7.82	23.0	Yes	2988
10	1.02	93	95.1	12.3	7.85	22.4	Yes	4407
11	0.99	77	76.5	13.3	7.91	21.4	Yes	5231
12	1.05	82	86.1	14.7	7.95	19.9	Yes	5007
13	1.05	88	93.1	15.7	7.96	18.6	Yes	4837
14	1.04	73	76.0	16.3	7.98	18.0	Yes	5262
15	1.14	62	70.8	16.4	7.99	18.2	Yes	6825
16	1.07	81	86.0	16.6	7.93	17.4	Yes	5577
17	1.04	79	82.0	16.9	7.91	16.8	Yes	5477
18	1.04	79	81.6	17.2	8.02	17.2	Yes	5493
19	1.07	65	70.0	17.0	7.96	17.2	Yes	6174
20	1.04	72	74.3	16.4	7.91	17.5	Yes	5236
21	1.00	75	75.1	15.7	7.98	18.7	Yes	5530
22	1.06	83	88.4	15.4	7.91	18.7	Yes	5175
23	1.15	76	86.9	15.3	7.99	19.6	Yes	5184
24	1.07	61	65.1	15.1	7.98	19.6	Yes	7032
25	1.02	93	94.6	15.2	7.88	18.7	Yes	4734
26	0.99	87	86.4	15.6	8.00	18.9	Yes	5084
27	1.00	90	89.7	15.8	7.99	18.6	Yes	4814
28	1.06	81	86.0	16.2	7.88	17.6	Yes	5226
29	1.03	63	64.1	16.6	7.88	17.0	Yes	6266
30	1.03	64	65.5	16.9	7.87	16.6	Yes	6217
31	1.05	61	64.1	16.6	7.91	17.2	Yes	6636

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: MAY 2024								
Date	Ozone Contactor Applied Flow	Ozone Residual First Chamber	Sum CT Ozone Chambers	Cryptosporidium 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	1625	Ozone off	0.00	0.0	0.0	2.5	1.4	3.9
2	1222	Ozone off	0.00	0.0	0.0	2.5	1.8	4.3
3	1252	Ozone off	0.00	0.0	0.0	2.5	1.9	4.4
4	1195	Ozone off	0.00	0.0	0.0	2.5	2.9	5.4
5	1241	Ozone off	0.00	0.0	0.0	2.5	1.9	4.4
6	1993	Ozone off	0.00	0.0	0.0	2.5	1.7	4.2
7	1416	Ozone off	0.00	0.0	0.0	2.5	2.3	4.8
8	1378	Ozone off	0.00	0.0	0.0	2.5	2.3	4.8
9	1157	Ozone off	0.00	0.0	0.0	2.5	2.6	5.1
10	1713	Ozone off	0.00	0.0	0.0	2.5	1.8	4.3
11	2329	Ozone off	0.00	0.0	0.0	2.5	1.5	4.0
12	1746	Ozone off	0.00	0.0	0.0	2.5	1.6	4.1
13	2011	Ozone off	0.00	0.0	0.0	2.5	1.8	4.3
14	2009	Ozone off	0.00	0.0	0.0	2.5	1.5	4.0
15	2364	Ozone off	0.00	0.0	0.0	2.5	1.3	3.8
16	1803	Ozone off	0.00	0.0	0.0	2.5	1.6	4.1
17	2148	Ozone off	0.00	0.0	0.0	2.5	1.6	4.1
18	2083	Ozone off	0.00	0.0	0.0	2.5	1.5	4.0
19	2280	Ozone off	0.00	0.0	0.0	2.5	1.3	3.8
20	1927	Ozone off	0.00	0.0	0.0	2.5	1.4	3.9
21	2324	Ozone off	0.00	0.0	0.0	2.5	1.4	3.9
22	1998	Ozone off	0.00	0.0	0.0	2.5	1.7	4.2
23	1901	Ozone off	0.00	0.0	0.0	2.5	1.6	4.1
24	2311	Ozone off	0.00	0.0	0.0	2.5	1.2	3.7
25	1958	Ozone off	0.00	0.0	0.0	2.5	1.8	4.3
26	1929	Ozone off	0.00	0.0	0.0	2.5	1.7	4.2
27	1764	Ozone off	0.00	0.0	0.0	2.5	1.7	4.2
28	2191	Ozone off	0.00	0.0	0.0	2.5	1.6	4.1
29	2141	Ozone off	0.00	0.0	0.0	2.5	1.0	3.5
30	2370	Ozone off	0.00	0.0	0.0	2.5	1.2	3.7
31	2778	Ozone off	0.00	0.0	0.0	2.5	1.2	3.7

As communicated with Keith Male, new ozone generator installation is underway.