

OHA - Drinking Water Program -Turbidity Monitoring Report Form


County: Clackamas

Conventional or Direct Filtration

Month/Year: Feb-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	0.025	0.027	0.029	0.026	Plant Off	0.032	0.03
2	0.033	0.033	0.030	Plant Off	0.029	0.026	0.03
3	0.032	0.028	0.037	0.050	0.045	0.035	0.05
4	0.038	0.035	0.038	0.042	0.037	0.028	0.04
5	0.031	0.028	Plant Off	0.047	0.036	0.028	0.05
6	0.027	0.026	0.028	0.031	0.030	0.024	0.03
7	0.025	0.026	0.030	Plant Off	Plant Off	0.026	0.03
8	0.027	0.028	0.028	0.032	0.038	0.037	0.04
9	0.037	0.037	0.033	0.034	0.033	0.029	0.04
10	0.030	0.031	0.032	0.034	0.037	0.039	0.04
11	0.038	0.035	0.038	0.048	0.048	0.050	0.05
12	0.052	0.047	0.049	0.052	0.046	0.051	0.05
13	0.037	0.035	0.030	0.034	0.030	0.029	0.04
14	0.028	0.030	0.026	0.027	0.024	0.023	0.03
15	0.024	0.025	0.029	0.033	0.025	0.023	0.03
16	0.025	0.026	0.028	Plant Off	Plant Off	0.037	0.04
17	0.029	0.035	0.034	0.037	0.059	0.037	0.06
18	0.036	0.037	0.037	0.042	0.033	0.035	0.04
19	0.034	0.032	0.040	0.037	0.025	0.026	0.04
20	0.026	0.028	0.036	0.044	0.033	0.033	0.04
21	0.031	0.029	Plant Off	Plant Off	Plant Off	0.025	0.03
22	0.026	0.027	0.051	0.037	0.022	0.026	0.05
23	0.025	0.028	0.029	0.036	0.031	0.036	0.04
24	0.037	0.040	0.033	0.032	0.052	Plant Off	0.05
25	0.029	0.027	0.032	0.034	0.032	0.030	0.03
26	0.030	0.029	0.033	0.040	0.045	0.029	0.05
27	0.022	0.020	0.029	0.034	0.032	0.030	0.03
28	0.034	0.036	0.048	0.050	0.051	0.049	0.05
29	0.048	0.039	0.036	0.059	0.060	0.045	0.06
30							0.00
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 <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: Kimberleigh Reid	
	SIGNATURE: 	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

System Name: WILSONVILLE, CITY OF						ID#: 41		00954		Month/Year: Feb-24		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	1.14	94	107.3	10.5	7.87	25.8	Yes	4596					
2	1.08	87	93.8	10.4	7.95	26.5	Yes	4698					
3	1.11	154	171.0	10.1	7.96	27.3	Yes	2501					
4	1.03	120	123.4	9.6	7.98	28.1	Yes	3540					
5	1.06	167	176.7	9.2	7.90	28.2	Yes	2607					
6	1.05	115	120.5	8.8	7.85	28.3	Yes	3582					
7	1.12	146	163.3	8.7	7.85	28.7	Yes	2998					
8	1.31	99	130.1	8.9	7.76	28.1	Yes	4193					
9	1.05	169	178.1	9.0	7.90	28.5	Yes	2591					
10	1.14	139	158.2	8.9	7.89	28.9	Yes	3031					
11	1.14	162	185.2	8.9	7.82	28.2	Yes	2519					
12	1.09	128	139.5	8.9	7.84	28.2	Yes	3245					
13	1.18	83	97.6	9.1	7.85	28.2	Yes	4761					
14	1.21	158	192.0	9.0	7.78	27.8	Yes	2659					
15	1.23	162	198.5	8.6	7.79	28.6	Yes	2642					
16	1.13	141	159.2	8.5	7.84	29.1	Yes	2446					
17	1.23	102	126.2	8.4	7.82	29.5	Yes	4338					
18	0.99	168	166.7	8.4	7.76	28.0	Yes	2466					
19	1.18	137	162.0	8.5	7.78	28.7	Yes	3079					
20	1.20	141	168.7	8.6	7.80	28.8	Yes	3042					
21	1.22	122	148.8	9.0	7.81	28.2	Yes	3484					
22	1.05	99	103.4	9.4	7.83	27.0	Yes	4033					
23	0.95	127	120.7	10.0	7.87	26.1	Yes	3076					
24	0.90	131	117.8	10.1	7.87	25.7	Yes	3008					
25	0.96	163	155.7	10.3	7.87	25.6	Yes	2325					
26	1.08	117	126.9	10.2	7.86	26.0	Yes	3408					
27	1.07	95	101.8	9.8	7.85	26.6	Yes	4039					
28	1.07	133	141.7	9.6	7.83	26.8	Yes	3191					
29	1.02	140	142.5	9.3	7.83	27.1	Yes	2760					
30			0.0			4.2	No	2768					
31			0.0			4.2	No	3611					

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: FEB 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	1460	0.69	7.90	0.8	3.0	2.5	4.5	7.0
2	1527	0.79	10.49	1.1	3.0	2.5	4.3	6.8
3	1084	0.51	9.73	1.0	3.0	2.5	5.4	7.9
4	1045	0.49	10.40	1.0	3.0	2.5	5.3	7.8
5	1052	0.56	11.77	1.1	3.0	2.5	6.4	8.9
6	1407	0.70	12.50	1.1	3.0	2.5	5.2	7.7
7	856	0.65	10.35	0.9	3.0	2.5	6.0	8.5
8	1370	0.63	10.89	1.0	3.0	2.5	5.5	8.0
9	1034	0.55	11.55	1.1	3.0	2.5	6.4	8.9
10	1082	0.58	11.95	1.1	3.0	2.5	6.0	8.5
11	1092	0.59	12.00	1.1	3.0	2.5	6.5	9.0
12	1023	0.51	11.15	1.0	3.0	2.5	5.6	8.1
13	1382	0.66	11.91	1.1	3.0	2.5	4.9	7.4
14	1055	0.51	11.25	1.0	3.0	2.5	6.8	9.3
15	1038	0.49	11.34	1.0	3.0	2.5	6.8	9.3
16	933	0.55	11.50	1.0	3.0	2.5	6.0	8.5
17	1502	0.78	12.55	1.1	3.0	2.5	5.4	7.9
18	998	0.57	11.72	1.0	3.0	2.5	6.2	8.7
19	1129	0.59	11.46	1.0	3.0	2.5	6.1	8.6
20	1061	0.51	10.42	0.9	3.0	2.5	6.2	8.7
21	826	0.52	8.22	0.8	3.0	2.5	5.8	8.3
22	1527	0.80	11.73	1.1	3.0	2.5	5.0	7.5
23	1122	0.82	13.17	1.3	3.0	2.5	5.3	7.8
24	1153	0.83	12.37	1.3	3.0	2.5	5.2	7.7
25	1132	0.68	11.06	1.1	3.0	2.5	5.9	8.4
26	1157	0.78	12.48	1.3	3.0	2.5	5.5	8.0
27	1540	0.79	10.75	1.1	3.0	2.5	4.9	7.4
28	1161	0.68	11.10	1.1	3.0	2.5	5.7	8.2
29	1059	0.70	11.86	1.1	3.0	2.5	5.3	7.8
30								
31								