

OHA - Drinking Water Program -Turbidity Monitoring Report Form


County: Clackamas

Conventional or Direct Filtration

Month/Year: Jan-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	0.022	0.027	0.028	0.029	0.032	0.036	0.04
2	0.022	0.022	0.022	0.022	0.023	0.024	0.02
3	0.023	0.024	Plant Off	0.023	0.034	0.035	0.04
4	0.032	0.028	0.027	0.024	0.026	0.025	0.03
5	0.024	0.023	0.023	Plant Off	0.024	0.025	0.03
6	0.026	0.025	0.039	0.035	0.037	0.032	0.04
7	0.037	0.035	0.036	0.030	0.027	0.027	0.04
8	0.027	0.030	Plant Off	Plant Off	Plant Off	0.026	0.03
9	0.035	0.031	0.055	0.038	0.044	0.037	0.06
10	0.035	0.036	Plant Off	Plant Off	0.040	0.035	0.04
11	0.037	0.036	0.032	0.029	0.035	0.032	0.04
12	0.030	0.030	0.031	0.036	0.039	0.034	0.04
13	0.036	0.042	0.039	0.034	0.033	0.032	0.04
14	0.029	0.027	0.026	0.027	0.035	0.030	0.04
15	0.029	0.028	0.034	0.031	0.027	0.026	0.03
16	0.029	0.029	0.034	0.027	0.038	0.037	0.04
17	0.038	0.038	0.039	0.039	0.039	0.036	0.04
18	0.029	0.028	0.033	Plant Off	0.061	0.028	0.06
19	0.029	0.029	0.039	0.065	0.050	0.054	0.07
20	0.051	0.041	0.053	0.035	0.030	0.031	0.05
21	0.033	0.030	0.029	0.038	0.033	0.033	0.04
22	0.058	0.059	0.053	Plant Off	0.046	0.050	0.06
23	0.047	0.045	0.044	0.039	0.034	0.027	0.05
24	0.022	0.021	Plant Off	Plant Off	0.042	0.026	0.04
25	0.025	0.024	0.040	0.056	0.068	0.039	0.07
26	0.040	0.034	0.036	0.033	0.043	0.041	0.04
27	0.045	0.042	0.042	0.039	0.034	0.033	0.05
28	0.033	0.041	0.040	0.053	0.050	0.045	0.05
29	0.046	0.058	0.047	0.038	0.040	0.070	0.07
30	0.060	0.062	0.039	Plant Off	0.048	0.025	0.06
31	0.026	0.025	Plant Off	Plant Off	Plant Off	Plant Off	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) <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: Jan-24		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	1.00	191	190.8	9.6	7.85	26.7	Yes	2017
2	0.98	132	128.7	9.4	7.97	28.1	Yes	3215
3	0.95	118	111.7	9.1	7.83	27.3	Yes	3557
4	0.96	113	108.4	8.8	7.87	28.3	Yes	3654
5	0.82	100	82.1	8.7	8.07	30.2	Yes	4008
6	1.01	101	101.8	8.7	7.83	28.2	Yes	4214
7	0.96	130	124.1	8.6	7.83	28.2	Yes	3407
8	0.89	103	91.4	8.5	7.87	28.6	Yes	3621
9	0.91	86	78.1	8.2	7.85	29.1	Yes	4411
10	0.96	93	88.9	8.1	7.82	29.0	Yes	4355
11	1.05	121	127.3	8.0	7.82	29.6	Yes	2989
12	1.20	108	129.6	7.8	7.88	31.2	Yes	3655
13	1.35	109	147.4	7.4	7.84	32.3	Yes	3528
14	1.25	149	186.6	6.5	7.86	34.1	Yes	2744
15	1.36	164	223.6	5.7	7.85	36.2	Yes	2479
16	1.31	105	137.7	5.2	7.85	37.5	Yes	3813
17	1.32	107	141.6	5.1	7.83	37.4	Yes	3809
18	1.37	97	133.2	5.1	7.89	38.6	Yes	4109
19	1.31	101	132.2	5.3	7.85	37.1	Yes	3802
20	1.43	124	176.5	6.1	7.84	35.5	Yes	3347
21	1.41	117	165.1	6.5	7.80	33.9	Yes	3533
22	1.30	114	148.2	6.9	7.81	32.9	Yes	3539
23	1.38	131	181.0	7.3	7.77	31.7	Yes	3253
24	1.23	91	112.5	8.2	7.81	29.7	Yes	3499
25	1.31	109	143.3	8.6	7.87	29.8	Yes	3847
26	1.23	151	185.7	8.9	7.87	28.9	Yes	2818
27	1.24	145	180.2	9.1	7.89	28.9	Yes	2719
28	1.19	131	156.2	9.2	7.87	28.3	Yes	3015
29	1.05	115	120.8	9.6	7.88	27.2	Yes	3833
30	1.08	103	111.8	10.4	7.84	25.5	Yes	3863
31	1.09	87	95.1	10.7	7.86	25.2	Yes	4539

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: JAN 2024								
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	895	0.53	11.04	1.1	3.0	2.5	5.7	8.2
2	1364	0.69	11.00	1.0	3.0	2.5	4.8	7.3
3	1169	0.68	10.49	1.0	3.0	2.5	4.6	7.1
4	1264	0.61	10.93	1.0	3.0	2.5	5.1	7.6
5	1109	0.66	13.46	1.2	3.0	2.5	4.6	7.1
6	1562	0.74	10.95	1.0	3.0	2.5	4.9	7.4
7	1179	0.59	10.76	1.0	3.0	2.5	5.3	7.8
8	973	0.62	10.71	0.9	3.0	2.5	4.7	7.2
9	1574	0.63	9.61	0.8	3.0	2.5	4.5	7.0
10	1311	0.59	9.52	0.8	3.0	2.5	4.7	7.2
11	1220	0.51	11.62	1.0	3.0	2.5	5.4	7.9
12	1089	0.58	13.67	1.1	3.0	2.5	5.5	8.0
13	1295	0.56	12.10	1.0	3.0	2.5	5.8	8.3
14	1065	0.43	10.88	0.8	3.0	2.5	6.7	9.2
15	980	0.56	15.32	1.0	3.0	2.5	7.2	9.7
16	1273	0.74	16.63	1.1	3.0	2.5	5.6	8.1
17	1512	0.82	15.42	1.0	3.0	2.5	5.7	8.2
18	1234	0.93	15.48	1.0	3.0	2.5	5.5	8.0
19	1529	0.82	15.11	1.0	3.0	2.5	5.5	8.0
20	1476	0.80	15.25	1.1	3.0	2.5	6.4	8.9
21	1589	0.75	13.54	1.0	3.0	2.5	6.1	8.6
22	1212	0.69	11.26	0.8	3.0	2.5	5.8	8.3
23	1313	0.55	11.86	0.9	3.0	2.5	6.4	8.9
24	948	0.52	9.55	0.8	3.0	2.5	5.1	7.6
25	1547	0.62	10.79	1.0	3.0	2.5	5.7	8.2
26	1064	0.64	11.85	1.1	3.0	2.5	6.6	9.1
27	1105	0.63	11.61	1.1	3.0	2.5	6.4	8.9
28	1195	0.67	11.22	1.1	3.0	2.5	6.0	8.5
29	1311	0.68	10.15	1.0	3.0	2.5	4.9	7.4
30	1356	0.77	9.42	1.0	3.0	2.5	5.1	7.6
31	917	0.40	7.59	0.8	3.0	2.5	4.8	7.3