

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

County: **Clackamas**
 Month/Year: **Jun-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	0.035	0.045	0.034	0.036	0.038	0.039	0.05
2	0.037	0.038	0.044	0.045	0.042	0.044	0.05
3	0.042	0.042	0.026	0.032	0.029	0.042	0.04
4	0.028	0.024	0.028	Plant Off	0.039	0.037	0.04
5	0.043	0.039	0.037	0.043	0.036	0.031	0.04
6	0.022	0.020	0.036	0.034	0.036	0.033	0.04
7	0.021	0.035	0.035	0.039	0.025	0.030	0.04
8	0.022	0.024	0.050	0.080	0.053	0.042	0.08
9	0.026	0.029	0.027	0.039	0.033	0.024	0.04
10	0.027	0.026	0.026	0.033	0.038	0.026	0.04
11	0.027	0.027	Plant Off	0.040	0.033	0.051	0.05
12	0.026	0.023	0.021	0.022	0.028	0.027	0.03
13	0.033	0.025	0.023	0.025	0.027	0.026	0.03
14	0.029	0.026	0.033	Plant Off	0.026	0.027	0.03
15	0.027	0.029	0.030	0.032	0.029	0.039	0.04
16	0.040	0.039	0.038	0.040	0.040	0.044	0.04
17	0.037	0.035	0.039	0.040	0.037	0.036	0.04
18	0.039	0.035	0.036	0.043	0.051	0.041	0.05
19	0.041	0.037	0.042	Plant Off	0.035	0.036	0.04
20	0.036	0.036	0.042	0.037	0.038	0.039	0.04
21	0.045	0.039	0.033	0.035	0.035	0.034	0.05
22	0.039	0.040	0.041	0.052	0.043	0.038	0.05
23	0.046	0.045	0.068	0.086	0.057	0.051	0.09
24	0.054	0.049	0.055	0.051	Plant Off	0.047	0.06
25	0.071	0.039	0.074	0.067	0.073	0.041	0.07
26	0.035	0.038	0.034	0.034	0.036	0.035	0.04
27	0.040	0.038	0.035	0.037	0.032	0.038	0.04
28	0.035	0.030	0.030	0.035	0.036	0.037	0.04
29	0.037	0.037	0.036	0.040	0.036	0.038	0.04
30	0.040	0.039	0.042	0.042	0.041	0.047	0.05
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: <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

System Name: WILSONVILLE, CITY OF						ID#: 41		00954		Month/Year: Jun-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	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	1.05	65	67.9	16.9	7.93	17.0	Yes	6773
2	1.07	93	100.1	17.2	7.86	16.3	Yes	4713
3	1.03	76	78.5	17.5	7.87	16.0	Yes	5539
4	1.00	86	86.7	16.7	8.00	17.6	Yes	5127
5	1.04	68	70.3	15.5	8.02	19.3	Yes	6286
6	1.09	65	71.2	15.5	7.90	18.5	Yes	6583
7	1.05	57	59.7	16.3	7.99	18.1	Yes	7471
8	1.02	53	54.1	17.7	7.91	16.0	Yes	8384
9	1.09	50	54.8	18.9	7.86	14.6	Yes	6646
10	1.05	47	49.8	19.2	7.98	14.9	Yes	8171
11	0.96	54	52.2	19.5	8.01	14.6	Yes	8021
12	1.04	51	53.1	19.6	8.04	14.8	Yes	8501
13	1.01	57	57.7	19.5	7.93	14.3	Yes	7288
14	1.04	54	56.1	19.5	8.00	14.7	Yes	7783
15	1.05	53	55.4	19.4	8.00	14.8	Yes	8108
16	1.12	66	73.7	19.2	7.84	14.2	Yes	6711
17	1.05	62	65.2	18.5	7.85	14.8	Yes	6997
18	0.98	56	54.3	17.8	7.94	16.0	Yes	7921
19	0.94	51	48.5	17.6	7.87	15.8	Yes	8001
20	1.00	56	56.0	17.9	7.89	15.6	Yes	7902
21	1.04	36	37.4	18.5	7.88	15.0	Yes	7799
22	1.03	32	33.4	20.0	8.08	14.6	Yes	8916
23	0.96	54	52.0	21.3	7.94	12.6	Yes	8124
24	0.96	60	58.3	21.9	7.89	11.9	Yes	7403
25	1.04	33	34.4	22.1	7.94	12.1	Yes	7699
26	0.96	50	47.6	21.7	8.06	12.8	Yes	8270
27	1.01	52	52.9	21.7	7.90	12.2	Yes	8177
28	1.07	63	67.9	21.1	7.89	12.7	Yes	6929
29	1.01	61	61.9	20.9	7.94	13.0	Yes	7233
30	1.00	65	65.2	20.8	7.95	13.2	Yes	6786
31			0.0			4.2		

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: JUNE 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	2434	Ozone Off		0.0	3.0	2.5	3.9	6.4
2	1740	Ozone Off		0.0	3.0	2.5	4.4	6.9
3	2191	Ozone Off		0.0	3.0	2.5	4.1	6.6
4	1760	Ozone Off		0.0	3.0	2.5	4.6	7.1
5	2142	Ozone Off		0.0	3.0	2.5	4.3	6.8
6	2112	Ozone Off		0.0	3.0	2.5	4.3	6.8
7	2762	Ozone Off		0.0	3.0	2.5	4.1	6.6
8	2703	Ozone Off		0.0	3.0	2.5	4.0	6.5
9	2866	Ozone Off		0.0	3.0	2.5	4.0	6.5
10	2538	Ozone Off		0.0	3.0	2.5	3.9	6.4
11	2697	Ozone Off		0.0	3.0	2.5	4.0	6.5
12	2589	Ozone Off		0.0	3.0	2.5	4.0	6.5
13	2592	Ozone Off		0.0	3.0	2.5	4.1	6.6
14	2954	Ozone Off		0.0	3.0	2.5	4.1	6.6
15	2697	Ozone Off		0.0	3.0	2.5	4.1	6.6
16	2426	Ozone Off		0.0	3.0	2.5	4.4	6.9
17	2335	Ozone Off		0.0	3.0	2.5	4.2	6.7
18	2301	Ozone Off		0.0	3.0	2.5	4.0	6.5
19	2627	Ozone Off		0.0	3.0	2.5	3.9	6.4
20	2464	Ozone Off		0.0	3.0	2.5	4.1	6.6
21	3227	Ozone Off		0.0	3.0	2.5	3.7	6.2
22	3510	Ozone Off		0.0	3.0	2.5	3.6	6.1
23	2729	Ozone Off		0.0	3.0	2.5	4.0	6.5
24	3453	Ozone Off		0.0	3.0	2.5	4.1	6.6
25	4608	Ozone Off		0.0	3.0	2.5	3.6	6.1
26	2970	Ozone Off		0.0	3.0	2.5	3.9	6.4
27	2709	Ozone Off		0.0	3.0	2.5	4.0	6.5
28	2591	Ozone Off		0.0	3.0	2.5	4.3	6.8
29	2971	Ozone Off		0.0	3.0	2.5	4.0	6.5
30	2675	Ozone Off		0.0	3.0	2.5	4.2	6.7
31								