

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Clackamas

Conventional or Direct Filtration

Month/Year: Jun-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	0.030	0.027	0.027	0.025	0.026	0.026	0.03
2	0.027	0.026	0.026	0.027	0.033	0.033	0.03
3	0.031	0.029	0.027	0.032	0.032	0.028	0.03
4	0.037	0.026	0.025	0.020	0.025	0.028	0.04
5	0.034	0.034	0.024	0.026	0.026	0.030	0.03
6	0.033	0.030	0.027	Plant Off	0.035	0.029	0.04
7	0.030	0.030	0.029	0.030	0.038	0.029	0.04
8	0.034	0.032	0.029	0.026	0.032	0.030	0.03
9	0.036	0.029	0.034	0.026	0.035	0.031	0.04
10	0.037	0.032	0.028	0.030	0.034	0.031	0.04
11	0.027	0.025	0.026	0.025	0.030	0.031	0.03
12	0.034	0.029	0.032	0.024	0.029	0.037	0.04
13	0.030	0.032	0.030	0.028	0.030	0.039	0.04
14	0.033	0.032	0.028	0.028	0.030	0.028	0.03
15	0.028	0.026	0.026	0.029	0.026	0.026	0.03
16	0.024	0.023	0.023	0.025	0.033	0.031	0.03
17	0.027	0.026	0.029	0.027	0.032	0.031	0.03
18	0.030	0.027	0.029	0.028	0.029	0.029	0.03
19	0.029	0.023	0.025	0.026	0.025	0.027	0.03
20	0.028	0.024	0.024	0.027	0.026	0.026	0.03
21	0.030	0.025	0.029	0.027	0.025	0.027	0.03
22	0.026	0.024	0.024	0.030	0.030	0.028	0.03
23	0.040	0.025	0.027	0.026	0.029	0.029	0.04
24	0.031	0.020	0.027	0.061	0.030	Plant Off	0.06
25	0.022	0.023	0.023	0.024	0.026	0.028	0.03
26	0.023	0.029	0.027	0.028	0.031	0.031	0.03
27	0.030	0.033	0.025	0.029	0.031	0.032	0.03
28	0.032	0.027	0.030	0.030	0.031	0.034	0.03
29	0.045	0.037	0.031	0.029	0.030	0.030	0.05
30	0.030	0.027	0.025	0.029	0.027	0.030	0.03
31							

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 daily turbidity readings ≤ 1 NTU?	<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	All Cl2 residual at entry point ≥ 0.2 mg/l?
		<input checked="" 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

WTP - :	WTP-H
Disinfection <i>Giardia</i> Log Inactiv:	0.5

System Name: WILSONVILLE, CITY OF ID#: 41 00954 Month/Year: Jun-23

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	0.84	53	44.9	17.8	7.89	15.5	Yes	7940
2	0.86	55	47.0	17.6	7.91	15.8	Yes	7523
3	0.92	51	46.9	17.9	7.88	15.4	Yes	8225
4	0.97	29	28.0	18.2	7.88	15.3	Yes	9859
5	0.77	58	44.5	18.7	7.91	14.5	Yes	7612
6	0.89	50	45.0	19.0	8.00	15.0	Yes	9092
7	0.89	50	44.5	19.3	7.98	14.5	Yes	8901
8	1.00	50	49.5	19.5	7.96	14.3	Yes	8853
9	0.92	48	43.8	19.6	7.98	14.2	Yes	9440
10	0.91	56	51.0	19.3	7.94	14.3	Yes	7550
11	0.94	52	48.8	18.9	7.91	14.6	Yes	8013
12	0.83	51	42.1	19.2	7.94	14.3	Yes	8470
13	0.84	60	50.7	20.1	7.97	13.6	Yes	7367
14	0.86	46	39.1	20.4	7.94	13.3	Yes	9488
15	0.94	48	45.4	20.5	7.91	13.1	Yes	9073
16	0.94	44	41.1	20.4	7.91	13.2	Yes	9450
17	0.91	48	43.6	20.1	7.94	13.6	Yes	8556
18	0.94	52	48.3	19.6	7.89	13.8	Yes	8109
19	0.83	59	48.8	19.2	7.89	14.0	Yes	7514
20	0.85	54	45.9	18.8	7.83	14.2	Yes	8093
21	0.89	56	50.0	18.3	7.90	15.1	Yes	7794
22	0.94	50	47.2	18.1	7.93	15.5	Yes	8009
23	0.95	28	26.4	18.3	7.98	15.7	Yes	10050
24	0.96	46	43.6	19.1	7.95	14.6	Yes	8811
25	0.71	46	32.7	20.1	8.05	13.9	Yes	8654
26	0.83	43	35.6	21.1	7.90	12.4	Yes	9768
27	0.90	39	35.5	21.6	7.93	12.2	Yes	9549
28	0.92	37	34.1	21.9	7.93	12.0	Yes	10774
29	0.94	43	40.5	22.2	7.83	11.4	Yes	9820
30	0.96	31	29.6	22.6	7.79	11.0	Yes	9844
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.

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SUPPLEMENTAL OZONE DATA

System Name: Wilsonville PWS ID#: 4100954 H Month/Year: June 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	2755	0.87	5.20	1.1	3.0	2.5	3.6	6.1
2	2746	0.86	5.08	1.0	3.0	2.5	3.7	6.2
3	2936	0.96	5.12	1.1	3.0	2.5	3.7	6.2
4	3278	0.98	4.59	1.0	3.0	2.5	3.5	6.0
5	2951	0.89	4.73	1.1	3.0	2.5	3.8	6.3
6	2888	0.82	4.20	1.0	3.0	2.5	3.8	6.3
7	3004	0.80	4.71	1.1	3.0	2.5	3.8	6.3
8	3150	0.98	4.98	1.2	3.0	2.5	3.9	6.4
9	2772	0.83	5.44	1.3	3.0	2.5	3.8	6.3
10	2626	0.64	4.83	1.2	3.0	2.5	4.0	6.5
11	2770	0.58	4.04	0.9	3.0	2.5	3.9	6.4
12	3152	0.63	4.08	1.0	3.0	2.5	3.8	6.3
13	2781	0.48	4.52	1.2	3.0	2.5	4.0	6.5
14	2967	0.54	4.59	1.2	3.0	2.5	3.8	6.3
15	2792	0.52	5.06	1.4	3.0	2.5	3.9	6.4
16	3138	0.70	5.13	1.4	3.0	2.5	3.8	6.3
17	2806	0.69	5.62	1.5	3.0	2.5	3.8	6.3
18	2780	0.57	4.70	1.2	3.0	2.5	3.9	6.4
19	2611	0.47	5.41	1.3	3.0	2.5	3.9	6.4
20	2278	0.39	4.78	1.1	3.0	2.5	3.9	6.4
21	2558	0.43	5.77	1.3	3.0	2.5	3.9	6.4
22	2690	0.38	5.18	1.1	3.0	2.5	3.9	6.4
23	3434	0.46	4.09	0.9	3.0	2.5	3.5	6.0
24	2770	0.36	4.21	1.0	3.0	2.5	3.8	6.3
25	3339	0.39	3.08	0.8	3.0	2.5	3.6	6.1
26	2974	0.35	3.04	0.9	3.0	2.5	3.7	6.2
27	3015	0.39	2.91	0.9	3.0	2.5	3.7	6.2
28	3100	0.68	4.95	1.5	3.0	2.5	3.6	6.1
29	3010	0.88	4.65	1.5	3.0	2.5	3.6	6.1
30	3376	0.99	4.19	1.4	3.0	2.5	3.6	6.1
31	3054	0.78	3.93	1.3	3.0	2.5	3.8	6.3