

OHA - Drinking Water Program -Turbidity Monitoring Report Form

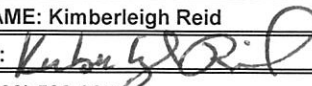
County: Clackamas

Conventional or Direct Filtration

Month/Year: Oct-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 <sup>1</sup> [NTU]
1	0.036	0.033	0.034	0.035	0.044	0.038	0.04
2	0.035	0.037	0.034	0.034	0.039	0.037	0.04
3	0.037	0.035	0.041	0.034	0.039	0.036	0.04
4	0.032	0.032	0.034	0.034	0.038	0.034	0.04
5	0.039	0.031	0.030	0.029	0.029	0.032	0.04
6	0.029	0.031	0.030	0.034	0.035	0.032	0.04
7	0.031	0.031	0.036	0.029	0.034	0.046	0.05
8	0.031	0.036	0.036	0.048	0.045	0.033	0.05
9	0.039	0.044	0.044	0.038	0.040	0.045	0.05
10	0.049	0.048	0.043	0.041	0.040	0.042	0.05
11	0.048	0.044	0.047	0.042	0.043	0.039	0.05
12	0.047	0.048	0.052	0.046	0.045	0.051	0.05
13	0.052	0.052	0.054	0.048	0.046	0.034	0.05
14	0.047	0.037	0.037	0.040	0.038	0.051	0.05
15	0.050	0.049	0.047	0.041	0.044	0.042	0.05
16	0.059	0.055	0.035	0.053	0.046	0.061	0.06
17	0.066	0.055	0.056	0.055	0.051	0.046	0.07
18	0.067	0.038	0.037	0.031	Plant Off	0.030	0.07
19	0.032	0.037	0.048	0.041	0.038	0.047	0.05
20	0.059	0.048	0.049	0.048	0.042	0.041	0.06
21	0.041	0.041	0.043	0.048	0.041	0.043	0.05
22	0.057	0.054	0.050	0.047	0.040	0.038	0.06
23	0.044	0.051	0.040	0.062	0.048	0.048	0.06
24	0.041	0.049	0.036	0.046	0.037	0.035	0.05
25	0.030	0.045	0.033	0.032	0.029	0.031	0.05
26	0.030	0.043	0.080	0.047	0.032	0.034	0.08
27	0.044	0.037	0.045	0.036	0.032	0.034	0.05
28	0.039	0.038	0.033	Plant Off	0.025	0.025	0.04
29	0.023	0.026	0.026	0.026	0.024	0.034	0.03
30	0.020	0.033	0.032	0.030	0.030	0.042	0.04
31	0.037	0.035	0.041	0.034	0.039	0.036	0.04

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 <sup>2</sup> triggers <input checked="" type="radio"/> Yes <input type="radio"/> No		

Notes:	PRINTED NAME: Kimberleigh Reid	
	SIGNATURE: 	CERT#
	PHONE #: (503) 582-9655	T-371621

<sup>1</sup> 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. <sup>2</sup> 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: Oct-23		WTP - : Disinfection <i>Giardia</i> Log Inactiv:		WTP-H 0.5	
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Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.00	103	103.4	16.7	7.79	16.3	Yes	4327
2	0.99	84	83.1	16.9	7.74	15.8	Yes	4987
3	0.96	102	98.5	16.7	7.77	16.1	Yes	4019
4	0.97	100	97.3	16.4	7.90	17.3	Yes	4145
5	0.98	109	107.0	16.3	7.87	17.2	Yes	3931
6	1.02	117	119.4	16.5	7.85	16.9	Yes	3540
7	0.96	96	92.7	16.9	7.82	16.2	Yes	4632
8	0.98	123	121.0	17.4	7.82	15.7	Yes	3486
9	1.01	114	115.5	17.9	7.82	15.3	Yes	3533
10	0.97	131	127.5	18.0	7.89	15.4	Yes	3407
11	1.00	115	116.0	17.4	7.78	15.5	Yes	3633
12	0.88	121	107.0	16.9	7.82	16.0	Yes	3306
13	0.83	96	79.2	16.6	7.83	16.3	Yes	4405
14	0.96	121	115.6	16.2	7.86	17.2	Yes	3573
15	0.96	123	118.6	16.0	7.90	17.7	Yes	3415
16	0.94	136	128.7	15.9	7.81	17.2	Yes	3132
17	0.91	150	137.4	15.9	7.78	17.0	Yes	2848
18	0.94	132	123.4	16.1	7.88	17.4	Yes	3046
19	0.95	124	117.8	16.3	7.86	17.0	Yes	3368
20	0.98	143	139.7	16.3	7.92	17.5	Yes	2930
21	0.96	135	130.4	16.1	7.89	17.5	Yes	3082
22	0.99	104	103.5	15.9	7.89	17.8	Yes	4113
23	0.96	151	144.8	15.9	7.86	17.5	Yes	2741
24	0.94	171	160.4	16.0	7.89	17.5	Yes	2577
25	1.04	110	114.8	15.5	7.91	18.5	Yes	3852
26	1.05	101	105.9	14.9	7.86	19.0	Yes	4119
27	1.07	139	148.0	14.0	7.95	20.9	Yes	3014
28	1.04	149	155.0	13.2	8.02	22.4	Yes	2758
29	0.98	137	133.7	12.4	7.87	22.4	Yes	3189
30	0.96	129	123.5	11.7	7.79	22.7	Yes	3388
31	0.96	128	122.1	11.2	7.86	24.1	Yes	3406

<sup>3</sup> If Cl<sub>2</sub> 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: <b>Wilsonville</b> PWS ID#: <b>4100954 H</b> Month/Year: <b>OCT 2023</b>								
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	1279	0.35	5.79	1.1	3.0	2.5	4.4	6.9
2	1638	0.48	7.26	1.4	3.0	2.5	4.2	6.7
3	1249	0.30	4.81	0.9	3.0	2.5	4.4	6.9
4	1524	0.37	6.44	1.2	3.0	2.5	4.8	7.3
5	1532	0.46	8.82	1.6	3.0	2.5	5.0	7.5
6	1495	0.39	7.09	1.3	3.0	2.5	5.2	7.7
7	1708	0.50	8.27	1.6	3.0	2.5	4.7	7.2
8	1294	0.31	5.06	1.0	3.0	2.5	5.3	7.8
9	1526	0.42	6.55	1.4	3.0	2.5	5.2	7.7
10	1324	0.31	4.66	1.0	3.0	2.5	5.4	7.9
11	1320	0.40	7.07	1.4	3.0	2.5	5.2	7.7
12	1243	0.35	5.87	1.1	3.0	2.5	5.0	7.5
13	1473	0.44	7.70	1.4	3.0	2.5	4.5	7.0
14	1285	0.35	5.93	1.1	3.0	2.5	5.3	7.8
15	1297	0.40	6.38	1.1	3.0	2.5	5.3	7.8
16	1338	0.39	5.36	0.9	3.0	2.5	5.4	7.9
17	1247	0.37	5.17	0.9	3.0	2.5	5.6	8.1
18	1254	0.40	6.48	1.1	3.0	2.5	5.3	7.8
19	1330	0.35	5.11	0.9	3.0	2.5	5.2	7.7
20	1225	0.42	6.91	1.3	3.0	2.5	5.7	8.2
21	1216	0.34	5.83	1.0	3.0	2.5	5.5	8.0
22	1535	0.47	7.77	1.4	3.0	2.5	5.0	7.5
23	1185	0.23	3.63	0.6	3.0	2.5	5.7	8.2
24	1182	0.27	4.68	0.8	3.0	2.5	6.0	8.5
25	1296	0.38	8.06	1.4	3.0	2.5	5.1	7.6
26	1118	0.37	8.02	1.3	3.0	2.5	5.1	7.6
27	1218	0.39	8.74	1.3	3.0	2.5	5.8	8.3
28	1250	0.38	8.24	1.1	3.0	2.5	5.9	8.4
29	1285	0.29	6.12	0.8	3.0	2.5	5.1	7.6
30	1406	0.38	8.16	1.0	3.0	2.5	5.3	7.8
31	1295	0.39	9.07	1.0	3.0	2.5	5.3	7.8