

OHA - Drinking Water Services -Turbidity Monitoring Report Form


County: **MARION**  
 Month/Year: **Aug-24**

Conventional or Direct Filtration

System Name: **SILVERTON, CITY OF** ID#: **4100823** WTP : TP - **A**

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	OFF	0.06	0.06	0.06	OFF	0.06	0.11
2	OFF	0.06	0.06	0.06	OFF	0.06	0.09
3	OFF	0.07	0.07	0.06	0.08	OFF	0.09
4	0.06	OFF	0.06	0.06	OFF	0.06	0.10
5	OFF	0.06	0.06	0.06	OFF	0.06	0.27
6	OFF	0.06	0.06	0.06	0.06	0.06	0.23
7	OFF	0.06	0.06	0.06	0.08	OFF	0.23
8	0.06	OFF	0.06	0.06	OFF	0.06	0.30
9	OFF	0.06	0.07	0.06	OFF	0.06	0.30
10	0.06	OFF	0.07	0.06	OFF	0.06	0.10
11	OFF	0.07	0.08	0.07	OFF	0.06	0.11
12	OFF	0.07	0.06	0.07	0.06	0.05	0.09
13	OFF	0.05	0.05	0.06	0.05	OFF	0.23
14	0.05	OFF	0.05	0.04	0.04	OFF	0.13
15	OFF	0.04	0.05	OFF	0.04	OFF	0.09
16	0.04	OFF	0.05	0.04	OFF	0.04	0.11
17	OFF	0.05	0.05	0.05	OFF	0.05	0.09
18	OFF	0.07	OFF	0.05	OFF	OFF	0.29
19	OFF	OFF	OFF	OFF	OFF	0.25	0.30
20	0.05	0.04	0.05	0.05	0.04	0.04	0.15
21	OFF	0.04	0.04	0.04	OFF	0.14	0.23
22	OFF	OFF	0.04	0.04	OFF	0.07	0.15
23	OFF	OFF	0.04	0.04	0.04	OFF	0.25
24	OFF	0.04	0.04	0.04	OFF	OFF	0.07
25	OFF	0.04	0.04	0.04	OFF	0.04	0.08
26	OFF	0.04	0.04	0.04	OFF	0.04	0.13
27	OFF	0.04	0.04	OFF	0.04	0.04	0.17
28	OFF	OFF	0.04	0.04	OFF	0.04	0.22
29	0.04	OFF	0.04	0.04	OFF	0.04	0.05
30	OFF	0.04	0.04	0.04	OFF	0.05	0.12
31	OFF	0.09	0.06	OFF	0.04	0.04	0.12

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of 4-hour 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 4-hour 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: <b>Suy Davis</b>
	SIGNATURE:  DATE: <b>09/03/24</b>
	PHONE #: <b>( 503 ) 873-5437</b> CERT #: <b>7126</b>

<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)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - : A

System Name:	SILVERTON, CITY OF	ID#: 41	00823	Month/Year:	Aug-24	Disinfection <i>Giardia</i> Log Inactiv:	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]
01 / 09:14	0.63	298	187.7	19.7	7.37	10.9	YES	1165
02 / 17:01	0.62	294	182.3	19.5	7.37	11.1	YES	1419
03 / 23:43	0.61	296	180.6	20.1	7.73	12.1	YES	1068
04 / 20:14	0.62	293	181.7	20.0	8.57	16.7	YES	1081
05 / 01:26	0.63	293	184.6	20.5	7.40	10.5	YES	1270
06 / 20:49	0.61	292	178.1	19.8	7.51	11.4	YES	1251
07 / 08:56	0.66	289	190.7	19.1	7.65	12.7	YES	1133
08 / 15:18	0.6	296	177.6	19.2	7.67	12.6	YES	1114
09 / 01:20	0.64	295	188.8	19.5	7.23	10.5	YES	1315
10 / 11:08	0.49	301	147.5	19.8	7.60	11.6	YES	1198
11 / 02:02	0.57	287	163.6	20.0	7.71	12.1	YES	1198
12 / 12:07	0.56	297	166.3	19.7	7.34	10.7	YES	1296
13 / 12:42	0.69	296	204.2	18.7	6.73	9.3	YES	1179
14 / 09:58	0.49	301	147.5	17.9	6.76	9.7	YES	1120
15 / 22:56	0.72	308	221.8	17.7	7.39	12.7	YES	1120
16 / 10:12	0.55	302	166.1	18.4	6.81	9.6	YES	1224
17 / 08:38	0.77	295	227.2	18.5	7.47	12.5	YES	1049
18 / 03:01	0.51	295	150.5	18.9	6.68	8.8	YES	1127
19 / 12:32	0.43	307	132.0	19.1	7.03	9.8	YES	1172
20 / 02:12	0.73	292	213.2	18.3	6.75	9.6	YES	1224
21 / 04:21	0.67	304	203.7	17.9	6.27	8.2	YES	2782
22 / 09:53	0.65	295	191.8	17.6	6.82	10.3	YES	2293
23 / 10:39	0.71	284	201.6	17.4	7.24	12.3	YES	1114
24 / 09:55	0.65	295	191.8	16.9	7.52	14.0	YES	1010
25 / 07:37	0.74	299	221.3	16.8	6.60	10.1	YES	1205
26 / 10:34	0.58	293	169.9	17.0	6.99	11.3	YES	2286
27 / 20:58	0.73	295	215.4	17.0	7.60	14.4	YES	1140
28 / 01:28	0.72	295	212.4	17.1	7.07	11.8	YES	2280
29 / 16:26	0.73	293	213.9	16.9	7.24	12.7	YES	1152
30 / 10:47	0.63	304	191.5	16.8	8.10	17.4	YES	1231
31 / 01:43	0.74	288	213.1	16.9	7.16	12.4	YES	1250

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013

### City of Silverton Water Treatment Plant

Flow Report for Aug 24

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	2.303		14		0.924	40.1
2	2.336		14.5		0.957	41.0
3	2.012		14.2		0.937	46.6
4	2.352		14.2		0.937	39.8
5	2.282		14.4		0.950	41.6
6	2.150		13.3		0.878	40.8
7	2.232		14.2		0.937	42.0
8	2.348		14.0		0.924	39.4
9	2.262		14.4		0.950	42.0
10	2.421		13.6		0.898	37.1
11	1.925		13.4		0.884	45.9
12	2.156		13.9		0.917	42.6
13	2.069		13.6		0.898	43.4
14	2.138		13.1		0.865	40.4
15	1.882		13.5		0.891	47.3
16	2.211		13.1		0.865	39.1
17	2.156		12.6		0.832	38.6
18	0.800		11.1		0.733	91.6
19	1.788		7.8		0.515	28.8
20	2.684		15.3		1.010	37.6
21	2.050		15.0		0.990	48.3
22	1.698		11.8		0.779	45.9
23	2.224		11.5		0.759	34.1
24	1.585		11.2		0.739	46.6
25	1.997		13.0		0.858	43.0
26	2.118		13.0		0.858	40.5
27	1.696		12.4		0.818	48.3
28	1.858		12.8		0.845	45.5
29	1.937		13.3		0.878	45.3
30	2.127		14.4		0.950	44.7
31	1.999		13.3		0.878	43.9
<b>Total</b>	<b>63.796</b>		<b>409.9</b>		<b>27.053</b>	<b>42.4</b>
<b>Average</b>	<b>2.058</b>		<b>13.2</b>		<b>0.873</b>	<b>43.6</b>

