

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Aug-22**

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	0.03	OFF	0.03	0.03	OFF	0.03	0.05
2	0.03	OFF	0.03	0.03	0.03	0.03	0.04
3	0.03	OFF	0.03	0.03	OFF	0.03	0.09
4	0.03	0.03	0.03	0.03	OFF	0.03	0.04
5	OFF	0.03	0.03	0.03	0.03	OFF	0.04
6	0.03	OFF	0.03	0.03	0.03	OFF	0.03
7	0.03	OFF	0.03	0.03	OFF	0.03	0.03
8	0.03	OFF	0.04	0.03	0.03	OFF	0.05
9	0.03	OFF	0.04	0.07	0.03	OFF	0.07
10	0.03	OFF	0.04	0.06	OFF	0.03	0.06
11	0.03	OFF	0.04	0.03	0.03	OFF	0.06
12	0.03	OFF	0.03	0.04	0.03	OFF	0.07
13	0.03	OFF	0.04	0.03	0.03	OFF	0.07
14	0.03	OFF	0.05	0.03	OFF	OFF	0.05
15	0.03	OFF	0.03	0.04	OFF	0.03	0.19
16	0.03	0.03	0.04	0.03	OFF	0.03	0.04
17	0.03	OFF	0.03	0.03	OFF	0.03	0.04
18	0.03	0.03	0.04	0.03	0.03	OFF	0.06
19	0.03	OFF	0.05	0.06	OFF	0.04	0.10
20	OFF	0.04	0.05	OFF	OFF	0.04	0.07
21	OFF	0.03	0.03	0.08	OFF	OFF	0.08
22	0.03	0.03	0.04	0.04	0.03	OFF	0.06
23	0.03	OFF	0.03	0.03	0.04	OFF	0.04
24	0.03	OFF	0.03	0.03	OFF	0.03	0.07
25	0.03	OFF	0.03	0.03	0.03	OFF	0.05
26	0.03	OFF	0.03	0.03	0.04	OFF	0.06
27	0.03	OFF	0.03	OFF	0.04	0.04	0.06
28	OFF	OFF	0.03	0.03	0.03	OFF	0.07
29	0.03	OFF	0.03	0.03	0.03	0.03	0.06
30	0.03	0.03	0.03	0.03	0.03	OFF	0.06
31	0.03	OFF	0.03	0.03	OFF	0.03	0.03

Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings ≤ 0.3 NTU?  Yes  No  
 All 4-hour turbidity readings ≤ 1 NTU?  Yes  No  
 All turbidity readings < IFE<sup>2</sup> triggers  Yes  No

CT's met everyday? (see back)  Yes  No

All Cl<sub>2</sub> residual at entry point ≥ 0.2 mg/l?  Yes  No

Notes:

PRINTED NAME: **Guy Davis**

SIGNATURE: *Guy Davis*

DATE: **09/06/22**

PHONE #: **( 503 ) 873-5437**

CERT #: **7126**

<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-22	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> [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? <sup>3</sup> Yes / No	Peak Hourly Demand Flow [GPM]
01 / 22:03	0.54	289	156.1	20.0	7.47	11.0	YES	1296
02 / 19:56	0.54	287	155.0	20.0	7.39	10.7	YES	1309
03 / 02:23	0.54	288	155.5	19.5	7.29	10.6	YES	1316
04 / 18:41	0.54	285	153.9	19.0	7.33	11.2	YES	1374
05 / 21:34	0.55	286	157.3	19.0	7.28	11.0	YES	1452
06 / 15:01	0.55	293	161.2	18.0	7.30	11.8	YES	997
07 / 22:02	0.55	285	156.8	18.0	7.33	12.0	YES	1205
08 / 20:10	0.57	282	160.7	17.5	7.33	12.4	YES	1778
09 / 14:03	0.57	282	160.7	18.0	7.40	12.3	YES	2495
10 / 23:48	0.55	278	152.9	18.0	7.45	12.5	YES	1283
11 / 21:43	0.59	276	162.8	18.0	7.40	12.3	YES	1804
12 / 04:01	0.58	281	163.0	17.5	7.44	12.9	YES	1270
13 / 20:13	0.59	279	164.6	17.0	7.45	13.4	YES	1140
14 / 21:24	0.59	278	164.0	17.0	7.48	13.6	YES	1407
15 / 18:56	0.63	284	178.9	17.5	7.45	13.1	YES	1622
16 / 22:03	0.63	271	170.7	18.0	7.44	12.6	YES	1452
17 / 16:07	0.6	272	163.2	17.5	7.45	13.0	YES	1472
18 / 21:45	0.6	278	166.8	18.5	7.44	12.1	YES	1450
19 / 17:47	0.59	280	165.2	19.0	7.47	11.8	YES	1465
20 / 03:39	0.56	282	157.9	19.0	7.44	11.7	YES	1498
21 / 03:46	0.56	278	155.7	19.0	7.46	11.8	YES	1094
22 / 14:13	0.56	283	158.5	18.5	7.44	12.1	YES	1159
23 / 04:22	0.55	281	154.6	19.0	7.45	11.7	YES	1238
24 / 22:06	0.53	274	145.2	19.0	7.35	11.2	YES	1856
25 / 04:34	0.53	281	148.9	18.5	7.43	12.0	YES	1264
26 / 04:38	0.51	289	147.4	19.0	7.41	11.5	YES	1224
27 / 19:29	0.5	302	151.0	18.5	7.45	12.0	YES	1081
28 / 04:31	0.52	284	147.7	18.0	7.33	11.9	YES	990
29 / 19:01	0.53	278	147.3	18.0	7.41	12.3	YES	1270
30 / 04:27	0.54	281	151.7	17.5	7.51	13.2	YES	1316
31 / 02:25	0.54	280	151.2	17.5	7.34	12.4	YES	1107

<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 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	2.243		11.4		0.752	33.5
2	2.135		10.9		0.719	33.7
3	2.425		12.6		0.832	34.3
4	1.989		9.5		0.627	31.5
5	2.139		11.0		0.726	33.9
6	1.983		11.1		0.733	36.9
7	2.133		11.6		0.766	35.9
8	2.254		11.4		0.752	33.4
9	2.226		10.4		0.686	30.8
10	1.995		10.3		0.680	34.1
11	2.039		10.6		0.700	34.3
12	1.905		11.0		0.726	38.1
13	1.985		11.2		0.739	37.2
14	2.043		11.0		0.726	35.5
15	2.310		13.0		0.858	37.1
16	2.181		10.4		0.686	31.5
17	2.198		11.5		0.759	34.5
18	1.969		10.7		0.706	35.9
19	2.091		11.6		0.766	36.6
20	1.898		10.2		0.673	35.5
21	1.902		10.5		0.693	36.4
22	1.992		11.4		0.752	37.8
23	1.920		11.2		0.739	38.5
24	2.027		10.6		0.700	34.5
25	2.094		11.1		0.733	35.0
26	1.854		10.6		0.700	37.7
27	1.629		9.6		0.634	38.9
28	1.888		10.0		0.660	35.0
29	2.287		11.4		0.752	32.9
30	2.004		10.8		0.713	35.6
31	2.182		12.0		0.792	36.3
<b>Total</b>	<b>63.920</b>		<b>340.6</b>		<b>22.480</b>	<b>35.2</b>
<b>Average</b>	<b>2.062</b>		<b>11.0</b>		<b>0.725</b>	<b>35.3</b>

