

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Jun-23**

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	0.05	0.04	0.03	0.03	0.03	0.09
2	OFF	OFF	0.03	0.03	0.03	0.03	0.07
3	OFF	0.04	0.04	0.03	0.03	0.03	0.06
4	0.03	OFF	0.03	0.03	0.04	0.04	0.06
5	0.03	0.03	0.03	0.03	0.08	0.03	0.12
6	OFF	OFF	0.03	0.03	0.03	0.03	0.06
7	OFF	0.03	0.03	OFF	0.03	0.03	0.04
8	OFF	OFF	0.03	0.03	0.03	OFF	0.04
9	0.03	0.03	0.03	OFF	0.05	0.03	0.24
10	OFF	OFF	0.03	OFF	OFF	0.03	0.04
11	OFF	0.03	0.03	OFF	OFF	OFF	0.04
12	0.03	0.04	0.03	0.03	0.03	OFF	0.15
13	0.03	OFF	0.03	OFF	0.03	0.03	0.07
14	OFF	OFF	0.03	OFF	0.03	OFF	0.04
15	0.03	OFF	0.03	OFF	0.06	OFF	0.07
16	0.03	OFF	0.03	0.04	0.03	OFF	0.16
17	0.03	OFF	0.03	OFF	0.03	OFF	0.05
18	OFF	OFF	0.29	OFF	0.07	OFF	0.29
19	0.03	OFF	0.03	0.03	0.03	0.03	0.06
20	OFF	0.03	0.03	OFF	0.03	OFF	0.04
21	OFF	OFF	0.03	OFF	0.04	OFF	0.08
22	0.03	OFF	0.03	OFF	0.03	0.04	0.07
23	0.03	0.03	0.03	OFF	0.03	0.04	0.05
24	OFF	OFF	0.03	OFF	0.03	0.04	0.05
25	OFF	OFF	0.03	0.03	0.03	0.03	0.06
26	0.03	OFF	0.03	OFF	0.03	OFF	0.06
27	OFF	0.03	0.03	OFF	0.03	OFF	0.07
28	0.03	OFF	0.03	OFF	0.03	0.03	0.06
29	0.03	OFF	0.03	0.03	0.03	0.03	0.10
30	OFF	0.03	0.03	OFF	0.03	OFF	0.06
31	XXX	XXX	XXX	XXX	XXX	XXX	XXX

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: 

DATE: **07/03/23**

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

System Name: SILVERTON, CITY OF						WTP - : A	
ID#: 41	00823	Month/Year: Jun-23	Disinfection <i>Giardia</i> Log Inactiv: 0.5				

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 / 19:37	0.57	410	233.7	14.0	7.47	16.5	YES	1407
02 / 17:12	0.58	408	236.6	13.0	7.36	17.0	YES	1498
03 / 00:43	0.61	411	250.7	13.5	7.33	16.3	YES	1217
04 / 07:45	0.77	440	338.8	13.0	7.39	17.5	YES	1407
05 / 05:44	0.75	277	207.8	15.0	6.99	13.2	YES	1433
06 / 17:19	0.69	270	186.3	15.0	7.74	17.3	YES	1224
07 / 05:23	0.67	266	178.2	15.5	7.52	15.4	YES	1400
08 / 20:06	0.67	276	184.9	16.0	7.68	15.8	YES	1277
09 / 00:55	0.64	262	167.7	15.5	7.71	16.4	YES	1172
10 / 03:01	0.66	259	170.9	15.0	7.60	16.4	YES	2397
11 / 22:54	0.61	263	160.4	15.0	7.77	17.3	YES	2586
12 / 04:31	0.59	263	155.2	16.0	7.51	14.7	YES	1817
13 / 23:34	0.56	260	145.6	17.0	7.53	13.8	YES	1264
14 / 11:04	0.58	253	146.7	16.0	8.23	19.1	YES	1407
15 / 10:17	0.53	258	136.7	16.0	7.60	15.1	YES	1393
16 / 08:58	0.59	262	154.6	16.0	7.57	15.0	YES	1257
17 / 00:07	0.59	259	152.8	15.5	7.77	16.7	YES	1231
18 / 00:39	0.62	260	161.2	15.0	7.85	17.9	YES	847
19 / 18:43	0.6	259	155.4	15.0	7.67	16.7	YES	964
20 / 11:32	0.6	260	156.0	14.5	8.24	21.3	YES	1387
21 / 11:58	0.6	257	154.2	15.0	7.56	16.0	YES	1263
22 / 17:06	0.62	255	158.1	15.0	7.77	17.3	YES	1472
23 / 17:22	0.63	254	160.0	15.0	7.39	15.1	YES	1270
24 / 16:48	0.64	259	165.8	16.0	7.00	12.2	YES	3061
25 / 15:17	0.64	266	170.2	16.0	7.16	13.0	YES	1211
26 / 01:33	0.66	255	168.3	16.5	7.28	13.1	YES	1257
27 / 01:34	0.63	259	163.2	17.0	7.30	12.8	YES	1192
28 / 12:54	0.63	257	161.9	17.0	7.48	13.6	YES	1947
29 / 07:55	0.6	267	160.2	17.0	7.34	12.9	YES	1094
30 / 01:04	0.59	274	161.7	16.0	7.52	14.7	YES	2045
XXX	XXX	XXX	#VALUE!	XXX	XXX	#VALUE!	#VALUE!	XXX

<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 June 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.	MGD		%
1	1.856		11	0.726		39.1
2	1.862		11.8	0.779		41.8
3	2.008		11.0	0.726		36.2
4	2.161		11.8	0.779		36.0
5	2.655		11.6	0.766		28.8
6	2.297		13.3	0.878		38.2
7	1.936		10.6	0.700		36.1
8	2.081		11.2	0.739		35.5
9	1.890		10.5	0.693		36.7
10	2.153		11.7	0.772		35.9
11	2.007		12.0	0.792		39.5
12	2.095		11.6	0.766		36.5
13	2.042		11.7	0.772		37.8
14	2.062		11.3	0.746		36.2
15	2.182		12.0	0.792		36.3
16	2.069		10.3	0.680		32.9
17	1.722		10.9	0.719		41.8
18	1.470		8.9	0.587		40.0
19	1.605		9.2	0.607		37.8
20	1.752		9.4	0.620		35.4
21	2.136		11.0	0.726		34.0
22	2.164		12.1	0.799		36.9
23	2.130		12.5	0.825		38.7
24	2.026		11.8	0.779		38.4
25	1.984		11.5	0.759		38.3
26	2.155		11.9	0.785		36.4
27	2.085		12.0	0.792		38.0
28	2.170		12.0	0.792		36.5
29	2.527		12.0	0.792		31.3
30	1.913		12.0	0.792		41.4
<b>Total</b>	<b>61.195</b>		<b>340.6</b>	<b>22.480</b>		
<b>Average</b>	<b>2.040</b>		<b>11.4</b>	<b>0.749</b>		<b>36.9</b>

