

OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Dec-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	OFF	OFF	0.06	0.06	0.04	0.03	0.08
2	OFF	0.03	OFF	0.06	0.04	0.04	0.06
3	OFF	0.03	OFF	0.04	OFF	0.04	0.08
4	0.06	OFF	0.04	0.06	0.04	OFF	0.17
5	OFF	0.04	OFF	0.04	0.05	OFF	0.17
6	OFF	0.04	0.04	0.04	OFF	0.04	0.09
7	0.05	OFF	OFF	0.05	0.09	0.04	0.30
8	OFF	0.19	0.06	0.04	OFF	0.03	0.19
9	0.04	OFF	0.04	0.05	0.05	OFF	0.15
10	OFF	0.04	0.04	OFF	0.04	OFF	0.12
11	0.05	0.07	OFF	0.06	0.06	OFF	0.08
12	0.07	OFF	OFF	0.08	0.06	0.07	0.13
13	OFF	0.06	0.11	0.12	0.04	0.03	0.12
14	OFF	0.03	0.03	0.03	0.03	0.03	0.05
15	0.03	0.04	0.03	0.04	0.03	0.03	0.05
16	OFF	0.03	0.05	0.04	OFF	0.04	0.06
17	OFF	0.03	0.03	0.03	OFF	0.04	0.08
18	OFF	0.03	OFF	0.05	0.04	OFF	0.07
19	OFF	0.03	OFF	0.03	OFF	0.03	0.05
20	0.03	OFF	0.02	OFF	0.10	0.03	0.10
21	0.02	OFF	0.02	0.04	0.07	0.06	0.09
22	OFF	0.03	0.02	0.03	0.03	OFF	0.08
23	OFF	0.03	0.03	0.03	OFF	0.03	0.04
24	0.03	OFF	0.03	0.04	0.03	0.03	0.09
25	OFF	0.03	OFF	0.04	0.03	OFF	0.12
26	0.03	0.02	OFF	0.03	0.02	0.03	0.11
27	0.02	OFF	0.03	0.04	0.05	OFF	0.07
28	OFF	OFF	OFF	0.04	0.08	0.06	0.25
29	0.06	0.06	0.05	0.05	0.04	0.04	0.09
30	OFF	0.04	OFF	0.03	0.03	0.03	0.12
31	0.03	OFF	OFF	0.03	0.03	0.03	0.08

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: **01/03/23**

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: Dec-22	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 / 23:38	0.66	527	347.8	8.0	7.26	23.2	YES	957
02 / 22:50	0.65	507	329.6	8.5	7.34	23.1	YES	814
03 / 06:07	0.67	506	339.0	9.5	8.12	28.5	YES	885
04 / 11:30	0.68	508	345.4	9.0	7.73	25.7	YES	1277
05 / 09:44	0.65	548	356.2	8.5	7.50	24.4	YES	892
06 / 15:54	0.68	565	384.2	8.5	7.81	27.4	YES	912
07 / 00:19	0.68	527	358.4	8.5	8.75	38.5	YES	886
08 / 06:54	0.68	502	341.4	8.5	8.46	34.6	YES	886
09 / 01:48	0.66	514	339.2	8.5	8.20	31.4	YES	788
10 / 22:47	0.64	509	325.8	8.5	7.74	26.6	YES	801
11 / 08:39	0.66	510	336.6	8.5	7.31	22.8	YES	808
12 / 15:24	0.66	529	349.1	9.0	7.03	20.0	YES	1445
13 / 13:39	0.63	528	332.6	9.0	6.83	18.6	YES	846
14 / 06:54	0.56	516	289.0	9.0	7.34	22.1	YES	853
15 / 03:27	0.64	511	327.0	9.0	8.25	30.8	YES	794
16 / 07:51	0.63	525	330.8	8.5	7.61	25.3	YES	768
17 / 00:12	0.66	518	341.9	8.0	8.30	33.7	YES	795
18 / 05:21	0.63	521	328.2	8.0	7.99	30.0	YES	801
19 / 15:52	0.61	528	322.1	8.0	7.32	23.6	YES	827
20 / 06:26	0.64	534	341.8	8.2	7.70	26.7	YES	918
21 / 23:55	0.63	524	330.1	8.0	7.88	28.8	YES	925
22 / 13:12	0.58	527	305.7	7.5	7.39	24.9	YES	795
23 / 01:10	0.58	536	310.9	7.5	7.41	25.1	YES	703
24 / 22:32	0.6	528	316.8	8.0	7.41	24.3	YES	1615
25 / 20:48	0.59	523	308.6	8.0	7.35	23.8	YES	736
26 / 08:28	0.6	515	309.0	9.0	6.85	18.7	YES	736
27 / 19:02	0.58	536	310.9	8.5	7.22	21.9	YES	749
28 / 21:38	0.59	542	319.8	9.0	7.14	20.7	YES	814
29 / 18:40	0.58	539	312.6	9.0	7.56	23.9	YES	846
30 / 20:35	0.59	535	315.7	9.5	7.66	24.0	YES	814
31 / 22:17	0.61	541	330.0	9.5	7.70	24.4	YES	742

<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 Dec 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.388		7.2		0.475	34.2
2	1.143		6.2		0.409	35.8
3	1.146		5.5		0.363	31.7
4	1.339		7.2		0.475	35.5
5	1.043		7.1		0.469	44.9
6	1.020		4.9		0.323	31.7
7	1.244		8.0		0.528	42.4
8	1.122		5.2		0.343	30.6
9	1.243		7.9		0.521	41.9
10	1.150		5.8		0.383	33.3
11	1.120		6.7		0.442	39.5
12	1.246		7.7		0.508	40.8
13	1.234		6.7		0.442	35.8
14	1.409		5.2		0.343	24.4
15	1.308		7.5		0.495	37.8
16	1.277		7.0		0.462	36.2
17	1.262		6.9		0.455	36.1
18	1.236		6.6		0.436	35.2
19	1.235		7.6		0.502	40.6
20	1.101		5.7		0.376	34.2
21	1.450		7.4		0.488	33.7
22	1.093		5.8		0.383	35.0
23	1.111		6.1		0.403	36.2
24	1.507		8.0		0.528	35.0
25	1.238		6.2		0.409	33.1
26	1.273		6.0		0.396	31.1
27	0.656		7.0		0.462	70.4
28	1.610		7.8		0.515	32.0
29	1.504		6.4		0.422	28.1
30	1.068		6.6		0.436	40.8
31	1.175		6.7		0.442	37.6
<b>Total</b>	<b>37.951</b>		<b>206.6</b>		<b>13.636</b>	<b>35.9</b>
<b>Average</b>	<b>1.224</b>		<b>6.7</b>		<b>0.440</b>	<b>36.6</b>

