

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**


Conventional or Direct Filtration

Month/Year: **Dec-21**

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	0.02	0.02	OFF	OFF	0.02	0.04
2	0.02	OFF	0.02	0.02	OFF	OFF	0.04
3	0.02	OFF	0.02	OFF	OFF	0.02	0.08
4	0.02	0.02	OFF	0.02	0.02	OFF	0.09
5	OFF	OFF	0.02	0.02	0.02	OFF	0.02
6	OFF	OFF	0.02	0.02	0.02	OFF	0.03
7	OFF	OFF	0.02	0.02	0.02	0.02	0.03
8	OFF	OFF	0.02	OFF	0.02	0.02	0.05
9	OFF	OFF	OFF	0.03	0.02	OFF	0.04
10	OFF	OFF	0.02	0.02	OFF	OFF	0.04
11	OFF	OFF	OFF	0.03	0.03	0.03	0.05
12	0.03	OFF	0.03	0.03	0.03	OFF	0.05
13	OFF	OFF	0.04	0.04	0.04	0.04	0.05
14	OFF	OFF	0.04	0.04	0.04	OFF	0.14
15	OFF	OFF	0.03	0.03	0.03	0.02	0.04
16	0.02	OFF	OFF	OFF	0.03	0.03	0.05
17	0.02	OFF	0.03	0.03	0.03	OFF	0.07
18	OFF	OFF	0.03	0.03	0.03	0.03	0.04
19	0.03	OFF	OFF	0.03	0.03	0.03	0.04
20	OFF	OFF	0.03	0.03	0.03	0.04	0.21
21	OFF	OFF	0.07	0.03	0.03	0.04	0.07
22	0.02	0.04	0.07	0.03	0.04	OFF	0.07
23	OFF	OFF	0.02	0.02	0.03	0.02	0.07
24	OFF	OFF	0.02	0.03	0.02	0.03	0.04
25	OFF	OFF	OFF	0.03	0.02	OFF	0.12
26	OFF	OFF	0.02	0.03	0.02	0.02	0.14
27	OFF	OFF	0.02	0.02	0.03	0.03	0.24
28	OFF	OFF	0.03	0.03	0.03	0.02	0.24
29	OFF	OFF	0.03	0.04	0.03	0.03	0.07
30	OFF	OFF	0.03	0.03	0.03	OFF	0.05
31	OFF	OFF	0.03	0.03	0.03	0.03	0.06

<b>Conventional or Direct Filtration</b> 95% of 4-hour turbidity readings ≤ 0.3 NTU? <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		<b>Monthly Summary (Answer Yes or No)</b> 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	
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<b>Notes:</b>	PRINTED NAME: <b>Guy Davis</b>	
	SIGNATURE: 	DATE: <b>01/05/22</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:	Dec-21	Disinfection <i>Giardia</i> Log Inactiv:	1
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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 / 02:59	0.61	470	286.7	12.0	7.42	37.5	YES	1042
02 / 23:05	0.59	479	282.6	12.0	7.76	42.1	YES	762
03 / 15:54	0.63	476	299.9	10.5	7.32	40.1	YES	1465
04 / 01:25	0.57	463	263.9	11.0	7.36	39.1	YES	1413
05 / 01:50	0.63	467	294.2	10.5	7.42	41.5	YES	677
06 / 02:45	0.53	459	243.3	10.5	7.24	38.5	YES	860
07 / 04:25	0.57	490	279.3	11.0	7.65	43.2	YES	482
08 / 05:12	0.56	449	251.4	10.5	7.46	41.7	YES	1342
09 / 03:28	0.67	436	292.1	10.0	7.53	44.8	YES	684
10 / 22:21	0.63	457	287.9	10.2	7.72	47.0	YES	743
11 / 13:47	0.58	483	280.1	10.5	8.45	59.5	YES	651
12 / 08:24	0.67	481	322.3	9.5	7.74	49.8	YES	723
13 / 14:25	0.63	477	300.5	9.5	7.28	42.2	YES	782
14 / 00:29	0.67	481	322.3	9.0	7.15	41.8	YES	710
15 / 17:09	0.7	478	334.6	8.8	7.29	44.7	YES	1166
16 / 05:19	0.72	452	325.4	8.8	8.49	68.9	YES	873
17 / 03:16	0.67	468	313.6	8.5	8.01	58.7	YES	1068
18 / 16:13	0.7	457	319.9	9.0	7.86	54.0	YES	846
19 / 10:55	0.73	471	343.8	8.5	7.53	49.8	YES	801
20 / 06:45	0.75	489	366.8	10.0	7.96	52.6	YES	1068
21 / 07:30	0.77	448	345.0	9.5	7.94	54.1	YES	951
22 / 23:59	0.77	401	308.8	10.5	7.68	46.2	YES	866
23 / 00:49	0.72	492	354.2	10.2	7.50	43.9	YES	1042
24 / 15:01	0.73	470	343.1	10.0	7.52	44.9	YES	1290
25 / 21:39	0.7	452	316.4	10.0	8.36	60.4	YES	756
26 / 03:54	0.72	466	335.5	9.5	7.44	45.1	YES	743
27 / 05:04	0.72	476	342.7	9.0	7.51	47.8	YES	775
28 / 06:30	0.71	455	323.1	9.0	7.58	48.9	YES	938
29 / 03:21	0.71	514	364.9	9.5	7.60	47.6	YES	1114
30 / 16:04	0.73	519	378.9	9.0	7.63	49.9	YES	1016
31 / 09:11	0.72	516	371.5	9.0	7.65	50.2	YES	1120

<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 21

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.097		4		0.264	24.1
2	1.052		6.3		0.416	39.5
3	1.219		4.6		0.304	24.9
4	0.838		3.7		0.244	29.1
5	1.126		5.3		0.350	31.1
6	0.984		4.4		0.290	29.5
7	1.134		6.4		0.422	37.2
8	0.998		4.3		0.284	28.4
9	1.002		4.3		0.284	28.3
10	0.797		4.7		0.310	38.9
11	1.301		5.5		0.363	27.9
12	0.997		7.9		0.521	52.3
13	1.292		3.3		0.218	16.9
14	0.914		7.1		0.469	51.3
15	1.539		4.0		0.264	17.2
16	1.141		4.0		0.264	23.1
17	1.016		7.6		0.502	49.4
18	1.741		3.8		0.251	14.4
19	0.977		3.9		0.257	26.3
20	1.394		6.0		0.396	28.4
21	1.420		5.7		0.376	26.5
22	0.798		6.7		0.442	55.4
23	1.334		4.6		0.304	22.8
24	1.362		4.6		0.304	22.3
25	0.902		6.5		0.429	47.6
26	1.244		4.7		0.310	24.9
27	1.169		3.0		0.198	16.9
28	1.370		5.5		0.363	26.5
29	1.181		7.9		0.521	44.1
30	0.932		5.0		0.330	35.4
31	1.634		4.3		0.284	17.4
<b>Total</b>	<b>35.905</b>		<b>159.6</b>		<b>10.534</b>	<b>29.3</b>
<b>Average</b>	<b>1.158</b>		<b>5.1</b>		<b>0.340</b>	<b>30.9</b>

