

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Feb-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	0.11	0.04	0.05	0.06	0.06
2	0.08	OFF	OFF	OFF	0.03	0.05	0.12
3	0.08	OFF	0.06	0.04	0.04	OFF	0.19
4	OFF	OFF	0.05	0.03	0.05	0.06	0.09
5	OFF	OFF	OFF	0.04	0.04	0.05	0.25
6	OFF	OFF	OFF	0.03	0.03	0.03	0.21
7	OFF	OFF	OFF	0.06	0.04	0.05	0.18
8	0.06	OFF	OFF	0.04	0.05	0.06	0.17
9	OFF	OFF	0.22	0.04	0.04	OFF	0.22
10	OFF	OFF	0.04	0.04	0.03	0.03	0.15
11	OFF	OFF	0.04	0.03	0.04	OFF	0.06
12	OFF	OFF	OFF	0.03	0.03	0.03	0.12
13	OFF	OFF	OFF	0.05	0.03	0.04	0.05
14	OFF	OFF	0.03	0.03	0.03	OFF	0.06
15	OFF	OFF	0.03	0.03	0.04	OFF	0.08
16	OFF	OFF	OFF	0.03	0.03	0.03	0.05
17	OFF	OFF	OFF	0.03	0.03	OFF	0.05
18	OFF	OFF	OFF	0.03	0.03	0.03	0.06
19	OFF	OFF	0.03	0.03	0.03	0.03	0.05
20	OFF	OFF	OFF	0.03	0.03	0.03	0.06
21	OFF	OFF	OFF	0.05	0.04	OFF	0.13
22	OFF	OFF	0.03	0.04	0.04	0.04	0.21
23	OFF	OFF	OFF	0.05	0.04	0.07	0.08
24	OFF	OFF	0.13	0.09	0.23	0.04	0.23
25	OFF	OFF	0.16	0.03	0.03	OFF	0.23
26	OFF	0.03	0.03	0.03	0.03	OFF	0.04
27	OFF	OFF	0.04	0.04	0.03	0.03	0.13
28	OFF	OFF	0.03	0.03	0.03	OFF	0.08
29							
30							
31							

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: **03/02/22**

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 Eff. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - :	A
Disinfection <i>Giardia</i> Log Inactiv:	1

System Name: SILVERTON, CITY OF ID#: 41 00823 Month/Year: Feb-22

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]
1 / 07:03	0.6	466	279.6	8.0	7.60	52.0	YES	990
2 / 04:09	0.67	459	307.5	7.5	7.25	47.8	YES	1075
3 / 14:25	0.7	456	319.2	7.5	7.53	53.0	YES	1075
4 / 03:22	0.7	472	330.4	8.0	7.59	52.4	YES	866
5 / 08:18	0.67	464	310.9	8.0	7.63	53.0	YES	840
6 / 01:16	0.7	470	329.0	8.0	7.58	52.2	YES	847
7 / 08:25	0.72	476	342.7	8.0	7.50	50.9	YES	1029
8 / 11:08	0.75	474	355.5	8.0	7.52	51.4	YES	1029
9 / 05:27	0.71	495	351.5	8.0	7.47	50.3	YES	1511
10 / 14:47	0.7	490	343.0	8.0	7.60	52.6	YES	970
11 / 19:44	0.66	461	304.3	8.0	7.48	50.2	YES	977
12 / 17:46	0.58	459	266.2	8.0	7.47	49.5	YES	1511
13 / 12:05	0.52	464	241.3	9.0	7.21	42.0	YES	795
14 / 10:19	0.53	468	248.0	8.5	7.28	44.5	YES	1081
15 / 09:09	0.57	469	267.3	8.0	7.13	43.9	YES	984
16 / 08:00	0.61	462	281.8	8.5	7.26	44.6	YES	1023
17 / 09:05	0.61	465	283.7	8.5	7.28	44.9	YES	1029
18 / 05:17	0.64	470	300.8	8.5	7.44	47.7	YES	1439
19 / 07:53	0.63	468	294.8	8.5	7.46	48.0	YES	1478
20 / 07:33	0.69	472	325.7	8.0	7.55	51.6	YES	1068
21 / 07:26	0.74	458	338.9	8.0	7.64	53.6	YES	1036
22 / 07:17	0.79	484	382.4	8.0	7.66	54.3	YES	1479
23 / 17:23	0.84	471	395.6	7.0	7.52	55.6	YES	1374
24 / 07:49	0.69	502	346.4	6.5	7.71	60.5	YES	1133
25 / 16:15	0.69	513	354.0	7.0	7.35	51.4	YES	801
26 / 08:55	0.73	513	374.5	6.5	7.01	47.3	YES	2101
27 / 18:32	0.67	517	346.4	7.0	7.07	46.4	YES	964
28 / 15:25	0.68	511	347.5	8.0	7.03	42.9	YES	872

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

### City of Silverton Water Treatment Plant

Flow Report for Feb 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.666		11.7		0.772	46.4
2	1.038		6.4		0.422	40.7
3	0.973		3.5		0.231	23.7
4	1.129		5.7		0.376	33.3
5	1.041		4.6		0.304	29.2
6	1.200		4.8		0.317	26.4
7	1.319		8.7		0.574	43.5
8	0.962		4.7		0.310	32.2
9	0.985		5.6		0.370	37.5
10	1.103		4.1		0.271	24.5
11	1.067		5.0		0.330	30.9
12	1.046		4.3		0.284	27.1
13	1.155		5.3		0.350	30.3
14	1.017		6.4		0.422	41.5
15	1.092		3.0		0.198	18.1
16	1.048		4.0		0.264	25.2
17	0.973		4.4		0.290	29.8
18	1.097		4.5		0.297	27.1
19	1.024		4.4		0.290	28.4
20	1.105		4.4		0.290	26.3
21	0.951		4.8		0.317	33.3
22	1.115		4.4		0.290	26.0
23	1.248		5.7		0.376	30.1
24	1.130		5.7		0.376	33.3
25	1.184		3.4		0.224	19.0
26	1.028		5.7		0.376	36.6
27	1.199		6.0		0.396	33.0
28	0.814		2.2		0.145	17.8
<b>Total</b>	<b>33.606</b>		<b>156.0</b>		<b>10.296</b>	<b>30.6</b>
<b>Average</b>	<b>1.084</b>		<b>5.0</b>		<b>0.332</b>	<b>30.6</b>

