

OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: MARION

Conventional or Direct Filtration

Month/Year: Jan-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	OFF	0.04	OFF	0.04	OFF	0.05
2	OFF	OFF	0.05	OFF	0.04	OFF	0.06
3	OFF	OFF	0.05	OFF	0.06	OFF	0.06
4	OFF	OFF	0.05	OFF	0.05	OFF	0.06
5	0.05	OFF	0.05	OFF	0.05	OFF	0.06
6	OFF	OFF	0.06	OFF	0.05	OFF	0.12
7	0.05	OFF	0.05	OFF	0.05	OFF	0.06
8	0.04	OFF	0.04	OFF	0.04	OFF	0.07
9	0.04	OFF	0.04	0.05	0.04	OFF	0.05
10	0.04	OFF	0.04	OFF	0.04	OFF	0.06
11	0.04	OFF	0.05	OFF	0.05	OFF	0.07
12	OFF	OFF	0.05	OFF	0.05	0.04	0.06
13	0.05	OFF	0.05	0.05	0.05	OFF	0.08
14	0.04	OFF	0.05	0.05	0.05	OFF	0.08
15	0.04	OFF	0.04	OFF	0.04	OFF	0.06
16	0.04	OFF	0.04	0.04	0.04	OFF	0.07
17	0.04	OFF	0.04	OFF	0.05	0.05	0.07
18	0.05	OFF	0.04	OFF	0.04	0.04	0.05
19	0.04	OFF	0.04	OFF	0.04	OFF	0.06
20	0.04	OFF	0.04	OFF	0.05	0.05	0.05
21	0.04	OFF	0.05	OFF	0.04	OFF	0.05
22	OFF	OFF	0.05	OFF	0.04	OFF	0.06
23	0.04	OFF	0.05	OFF	0.05	0.05	0.06
24	0.05	OFF	0.05	OFF	0.05	OFF	0.05
25	OFF	OFF	0.05	OFF	0.05	OFF	0.05
26	OFF	OFF	0.05	OFF	0.05	0.05	0.07
27	OFF	OFF	0.05	OFF	0.05	OFF	0.06
28	0.05	OFF	0.05	OFF	0.05	OFF	0.06
29	0.05	OFF	0.05	OFF	0.05	OFF	0.06
30	OFF	OFF	0.04	OFF	0.04	OFF	0.05
31	0.04	OFF	0.04	OFF	0.05	0.05	0.10

Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings  $\leq$  0.3 NTU?

Yes / No

All 4-hour turbidity readings  $\leq$  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  $\geq$  0.2 mg/l?

Yes / No

Notes:

Michael Downey

SIGNATURE: *Michael Downey*

2/2/2021

603-873-5437

T-71434-FE

<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. (333-001-0040(1)(d)(B&C))



OHA - Drinking Water Program - Surface Water Quality Data Form

System Name:	SILVERTON, CITY OF	ID#: 41	00823	Month/Year:	Jan-21	WTP - :	A
						Disinfection <i>Gard/a</i> Log Inactiv:	1

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]
1/12:42	0.75	513	384.8	8.5	7.50	49.4	YES	723
2/13:19	0.74	519	384.1	8.5	7.46	48.6	YES	684
3/11:36	0.77	518	398.9	8.5	7.59	51.1	YES	716
4/09:40	0.78	523	407.9	9.5	7.52	46.7	YES	1029
5/10:39	0.81	517	418.8	9.5	7.35	44.1	YES	886
6/09:00	0.81	509	412.3	9.0	7.53	48.6	YES	892
7/09:08	0.83	473	392.6	9.0	7.70	51.7	YES	821
8/09:24	0.83	466	386.8	9.5	7.49	46.4	YES	814
9/18:11	0.63	476	299.9	9.5	7.30	42.5	YES	1374
10/10:28	0.87	468	407.2	10.0	7.62	47.3	YES	866
11/11:25	0.85	503	427.6	10.0	7.84	51.0	YES	840
12/09:28	0.87	522	454.1	10.0	7.99	53.9	YES	892
13/15:49	0.85	520	442.0	9.5	7.74	50.9	YES	1159
14/03:57	0.88	512	450.6	10.0	7.04	38.6	YES	892
15/05:39	0.84	524	440.2	9.5	7.25	42.7	YES	892
16/04:59	0.82	509	417.4	10.0	7.16	40.0	YES	1139
17/23:56	0.83	515	427.5	10.0	7.21	40.7	YES	814
18/02:20	0.83	489	405.9	10.0	7.16	40.0	YES	912
19/13:13	0.8	465	372.0	8.5	8.36	67.7	YES	1114
20/11:52	0.8	459	367.2	9.0	7.59	49.6	YES	1029
21/10:33	0.82	452	370.6	9.5	7.35	44.2	YES	879
22/09:34	0.81	461	373.4	8.5	7.09	43.0	YES	905
23/12:18	0.81	460	372.6	8.0	7.22	46.5	YES	925
24/08:57	0.8	465	372.0	8.5	7.33	46.7	YES	762
25/12:54	0.81	476	385.6	9.0	7.36	45.8	YES	899
26/11:15	0.8	473	378.4	9.0	7.36	45.7	YES	1029
27/13:03	0.81	471	381.5	8.0	7.48	51.0	YES	1049
28/01:00	0.81	474	383.9	8.5	7.51	49.9	YES	925
29/13:06	0.82	480	393.6	8.0	7.46	50.7	YES	879
30/10:01	0.81	457	370.2	8.5	7.93	58.0	YES	977
31/09:43	0.82	474	388.7	8.5	7.77	54.8	YES	938

<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