

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**


Conventional or Direct Filtration

Month/Year: **Sep-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	0.03	0.03	OFF	0.03	OFF	0.04
2	0.03	OFF	0.03	0.03	OFF	0.03	0.04
3	OFF	OFF	0.03	0.03	OFF	0.03	0.04
4	OFF	OFF	0.04	0.04	OFF	0.03	0.05
5	OFF	0.03	0.03	0.03	OFF	0.03	0.04
6	OFF	0.03	0.03	0.03	OFF	0.03	0.16
7	0.03	OFF	0.03	0.03	OFF	0.03	0.06
8	0.03	OFF	0.03	0.03	OFF	0.03	0.06
9	0.03	OFF	0.03	OFF	0.03	OFF	0.09
10	0.03	OFF	0.03	0.03	OFF	0.03	0.05
11	0.03	OFF	0.03	0.03	OFF	0.03	0.07
12	0.03	OFF	0.03	0.03	0.03	OFF	0.09
13	0.03	OFF	0.03	OFF	OFF	0.03	0.05
14	0.03	0.03	0.03	0.03	0.03	0.03	0.09
15	0.03	OFF	0.03	0.03	0.03	0.03	0.05
16	0.03	OFF	0.03	0.03	0.03	OFF	0.06
17	OFF	0.03	0.03	0.03	OFF	0.03	0.04
18	0.03	0.04	0.03	0.03	OFF	0.03	0.04
19	0.04	OFF	0.05	0.02	0.02	0.03	0.11
20	OFF	0.03	0.03	0.03	OFF	0.03	0.06
21	OFF	0.04	0.04	0.02	OFF	0.02	0.09
22	OFF	0.02	0.03	0.02	0.03	OFF	0.09
23	0.02	OFF	0.04	0.02	0.02	OFF	0.09
24	0.02	OFF	0.03	0.03	OFF	0.03	0.05
25	OFF	0.06	0.04	0.03	0.02	0.02	0.09
26	OFF	0.03	0.06	0.03	0.03	0.03	0.16
27	0.04	OFF	0.05	0.03	0.03	OFF	0.26
28	0.02	OFF	0.03	0.03	0.03	OFF	0.15
29	0.03	0.04	0.04	0.03	OFF	0.03	0.05
30	0.04	OFF	0.03	0.03	0.03	0.03	0.05

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All 4-hour turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<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		

Notes:	PRINTED NAME: <b>Guy Davis</b>	
	SIGNATURE: 	10/03/2022
	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

System Name:	SILVERTON, CITY OF	ID#: 41	00823	Month/Year:	Sep-22	Disinfection <i>Giardia</i> Log Inactiv:	0.5
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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 / 13:41	0.53	283	150.0	19.0	7.29	11.0	YES	1192
02 / 14:22	0.55	278	152.9	19.0	7.23	10.8	YES	1328
03 / 14:06	0.57	283	161.3	18.0	7.33	12.0	YES	873
04 / 02:47	0.57	279	159.0	18.0	7.41	12.4	YES	1023
05 / 02:33	0.6	274	164.4	18.0	7.39	12.3	YES	990
06 / 03:49	0.59	274	161.7	18.0	7.35	12.1	YES	970
07 / 15:28	0.61	279	170.2	18.0	7.31	12.0	YES	970
08 / 16:01	0.63	272	171.4	18.0	7.52	13.0	YES	1153
09 / 21:19	0.64	280	179.2	16.0	7.43	14.3	YES	1322
10 / 22:01	0.65	274	178.1	17.0	7.55	14.0	YES	1758
11 / 05:04	0.65	278	180.7	17.0	7.58	14.2	YES	1003
12 / 21:19	0.62	282	174.8	16.5	7.57	14.6	YES	1159
13 / 02:28	0.58	421	244.2	17.0	7.81	15.3	YES	964
14 / 18:28	0.6	403	241.8	17.0	8.15	17.4	YES	1329
15 / 16:17	0.72	390	280.8	16.5	7.91	16.7	YES	1010
16 / 00:47	0.74	412	304.9	16.5	7.72	15.6	YES	853
17 / 03:25	0.76	418	317.7	16.5	7.81	16.2	YES	938
18 / 03:55	0.71	403	286.1	15.5	7.48	15.2	YES	1107
19 / 03:03	0.7	412	288.4	15.5	7.33	14.4	YES	997
20 / 16:44	0.68	419	284.9	15.5	7.34	14.4	YES	1871
21 / 03:21	0.68	402	273.4	16.0	7.50	14.8	YES	1088
22 / 05:39	0.67	410	274.7	16.0	7.43	14.4	YES	957
23 / 05:22	0.67	410	274.7	15.0	7.39	15.2	YES	1153
24 / 06:10	0.66	430	283.8	15.0	7.47	15.6	YES	1296
25 / 02:21	0.67	407	272.7	15.0	7.54	16.0	YES	931
26 / 05:27	0.66	402	265.3	15.5	7.54	15.5	YES	1172
27 / 05:22	0.65	435	282.8	16.0	7.52	14.8	YES	1107
28 / 06:33	0.64	473	302.7	15.5	7.43	14.8	YES	1055
29 / 08:17	0.59	518	305.6	16.0	7.43	14.3	YES	944
30 / 23:16	0.57	482	274.7	16.0	7.29	13.5	YES	834

<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 Sept 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.953		9.3		0.614	31.4
2	2.043		10.3		0.680	33.3
3	1.778		10.7		0.706	39.7
4	1.992		10.4		0.686	34.5
5	2.169		11.4		0.752	34.7
6	1.909		9.8		0.647	33.9
7	2.063		10.7		0.706	34.2
8	1.923		10.5		0.693	36.0
9	1.765		11.8		0.779	44.1
10	1.707		10.3		0.680	39.8
11	1.794		9.9		0.653	36.4
12	2.355		9.8		0.647	27.5
13	1.595		9.2		0.607	38.1
14	2.125		10.2		0.673	31.7
15	1.913		9.5		0.627	32.8
16	1.764		10.1		0.667	37.8
17	1.512		8.8		0.581	38.4
18	1.698		10.2		0.673	39.6
19	1.787		9.7		0.640	35.8
20	1.737		10.3		0.680	39.1
21	1.601		10.3		0.680	42.5
22	1.481		7.4		0.488	33.0
23	1.610		8.9		0.587	36.5
24	1.625		9.0		0.594	36.6
25	1.639		11.5		0.759	46.3
26	1.683		8.2		0.541	32.2
27	1.683		8.9		0.587	34.9
28	1.346		7.1		0.469	34.8
29	1.171		8.2		0.541	46.2
30	1.397		7.4		0.488	35.0
Total	52.818		289.8		19.127	
Average	1.761		9.7		0.617	36.6

