

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Mar-23**

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 ¹ [NTU]
1	OFF	0.03	OFF	0.03	0.04	OFF	0.07
2	0.03	0.03	OFF	0.03	OFF	OFF	0.17
3	0.03	0.03	OFF	0.04	OFF	0.04	0.08
4	0.04	OFF	OFF	0.04	0.05	0.05	0.10
5	OFF	OFF	0.03	0.03	0.04	OFF	0.06
6	OFF	0.05	OFF	0.03	0.03	0.03	0.11
7	0.04	OFF	0.04	0.03	OFF	0.03	0.28
8	0.03	OFF	0.04	OFF	0.04	OFF	0.08
9	0.03	OFF	OFF	OFF	0.03	0.03	0.14
10	OFF	0.02	0.03	0.03	OFF	OFF	0.07
11	0.03	OFF	0.04	0.03	0.03	OFF	0.08
12	OFF	OFF	0.03	0.03	0.03	OFF	0.05
13	0.03	OFF	OFF	0.03	0.03	OFF	0.07
14	OFF	0.13	OFF	0.08	0.04	OFF	0.15
15	0.03	0.03	OFF	0.03	OFF	0.02	0.07
16	0.03	OFF	0.03	0.04	OFF	0.04	0.07
17	OFF	0.04	OFF	0.03	OFF	OFF	0.21
18	0.03	0.04	OFF	0.03	OFF	0.03	0.07
19	OFF	OFF	0.03	0.03	OFF	0.03	0.05
20	OFF	OFF	OFF	0.03	0.03	OFF	0.08
21	OFF	OFF	OFF	0.03	0.03	OFF	0.19
22	0.03	OFF	0.04	0.04	OFF	0.06	0.10
23	OFF	0.06	0.09	0.03	OFF	0.03	0.14
24	OFF	0.03	0.04	0.04	0.03	OFF	0.13
25	OFF	0.03	OFF	0.03	OFF	OFF	0.08
26	0.03	OFF	0.03	0.03	0.03	OFF	0.06
27	OFF	0.03	0.03	0.04	OFF	OFF	0.11
28	OFF	0.03	OFF	0.03	OFF	0.03	0.13
29	0.03	OFF	0.03	0.03	OFF	0.02	0.12
30	OFF	0.03	0.05	0.03	OFF	0.02	0.21
31	0.03	OFF	0.03	0.04	0.03	OFF	0.13

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 < IFE² triggers Yes No

CT's met everyday? (see back)

Yes No

All Cl₂ residual at entry point \geq 0.2 mg/l?

Yes No

Notes:

PRINTED NAME: **Guy Davis**

SIGNATURE: *Guy Davis*

DATE: **04/04/23**

PHONE #: **(503) 873-5437**

CERT #: **7126**

¹ 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. ² 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:	Mar-23	Disinfection <i>Giardia</i> Log Inactiv:	0.5
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Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
01 / 20:00	0.59	487	287.3	7.0	7.48	26.6	YES	1075
02 / 16:06	0.59	478	282.0	6.2	7.07	24.2	YES	938
03 / 22:30	0.61	492	300.1	6.5	7.37	26.5	YES	1009
04 / 09:35	0.61	491	299.5	6.5	7.16	24.6	YES	859
05 / 13:51	0.67	486	325.6	6.5	7.21	25.2	YES	827
06 / 09:06	0.67	487	326.3	7.0	7.22	24.5	YES	782
07 / 03:27	0.69	513	354.0	7.0	7.24	24.7	YES	736
08 / 12:11	0.69	494	340.9	7.5	8.02	31.6	YES	2084
09 / 02:56	0.7	456	319.2	7.2	7.40	25.8	YES	873
10 / 06:06	0.68	462	314.2	7.5	7.35	24.8	YES	1191
11 / 05:34	0.65	459	298.4	7.5	7.56	26.7	YES	1426
12 / 19:28	0.65	462	300.3	7.5	7.60	27.0	YES	814
13 / 05:28	0.63	478	301.1	8.0	7.49	25.1	YES	2670
14 / 06:50	0.64	440	281.6	8.0	7.26	23.1	YES	905
15 / 05:37	0.62	455	282.1	8.0	6.98	20.9	YES	860
16 / 18:51	0.68	451	306.7	8.0	7.21	22.8	YES	840
17 / 09:34	0.63	446	281.0	8.0	7.04	21.4	YES	814
18 / 16:17	0.63	448	282.2	8.5	7.58	25.0	YES	1218
19 / 16:16	0.6	461	276.6	8.0	7.44	24.6	YES	1843
20 / 19:04	0.63	445	280.4	9.0	7.79	26.1	YES	1589
21 / 12:08	0.63	434	273.4	8.5	8.42	33.9	YES	847
22 / 07:20	0.63	441	277.8	9.0	7.95	27.6	YES	1335
23 / 00:07	0.64	446	285.4	9.0	8.02	28.4	YES	833
24 / 06:41	0.66	436	287.8	9.0	8.13	29.6	YES	807
25 / 17:08	0.68	457	310.8	8.0	8.28	33.5	YES	801
26 / 07:22	0.67	470	314.9	8.0	8.34	34.2	YES	775
27 / 07:41	0.68	432	293.8	8.0	6.62	18.6	YES	905
28 / 07:56	0.69	438	302.2	8.0	7.52	25.5	YES	801
29 / 03:23	0.69	449	309.8	8.0	7.57	26.0	YES	938
30 / 1807	0.71	432	306.7	8.0	7.70	27.3	YES	808
31 / 22:05	0.7	439	307.3	8.0	7.90	29.3	YES	866

³ If Cl₂ 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 Mar 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.233		6.1		0.403	32.7
2	1.147		5.5		0.363	31.6
3	1.266		6.8		0.449	35.5
4	1.133		5.1		0.337	29.7
5	1.390		6.9		0.455	32.8
6	1.224		7.6		0.502	41.0
7	1.379		6.6		0.436	31.6
8	1.165		5.4		0.356	30.6
9	1.289		7.6		0.502	38.9
10	1.139		5.0		0.330	29.0
11	1.245		7.3		0.482	38.7
12	0.978		5.1		0.337	34.4
13	1.363		7.6		0.502	36.8
14	1.180		6.0		0.396	33.6
15	1.115		6.8		0.449	40.3
16	1.338		6.8		0.449	33.5
17	1.167		6.1		0.403	34.5
18	1.141		7.5		0.495	43.4
19	1.254		6.3		0.416	33.2
20	1.106		5.3		0.350	31.6
21	1.279		6.6		0.436	34.1
22	1.341		7.7		0.508	37.9
23	1.253		6.6		0.436	34.8
24	1.239		6.7		0.442	35.7
25	1.322		7.1		0.469	35.4
26	1.217		6.3		0.416	34.2
27	1.315		7.3		0.482	36.6
28	1.105		6.4		0.422	38.2
29	1.273		7.1		0.469	36.8
30	1.044		4.6		0.304	29.1
31	1.274		7.4		0.488	38.3
Total	37.914		201.2		13.279	35.0
Average	1.223		6.5		0.428	35.0

