

OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: **MARION**
 Month/Year: **Mar-24**

Conventional or Direct Filtration

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	0.03	OFF	0.06	0.06	0.05	0.06	0.10
2	OFF	0.03	0.05	0.03	OFF	0.04	0.10
3	0.09	OFF	0.05	0.05	0.07	0.12	0.20
4	0.05	OFF	OFF	0.06	0.05	0.06	0.14
5	0.10	OFF	0.13	0.06	0.06	0.09	0.15
6	OFF	0.08	OFF	0.12	0.04	0.03	0.12
7	0.03	OFF	OFF	0.04	0.03	OFF	0.11
8	0.04	OFF	OFF	0.03	0.04	0.03	0.10
9	OFF	0.04	OFF	0.04	0.03	0.03	0.11
10	OFF	OFF	0.03	0.04	OFF	0.03	0.13
11	OFF	0.05	OFF	0.03	0.03	0.04	0.18
12	0.03	OFF	OFF	0.04	OFF	0.03	0.08
13	0.04	0.06	OFF	0.05	0.03	OFF	0.22
14	0.03	OFF	0.03	0.03	0.03	OFF	0.04
15	0.03	OFF	0.03	0.02	OFF	0.02	0.07
16	OFF	0.03	OFF	0.02	0.02	0.02	0.08
17	OFF	0.02	OFF	OFF	0.02	0.03	0.09
18	0.04	0.05	OFF	0.03	0.05	OFF	0.12
19	0.09	OFF	OFF	0.06	0.04	0.03	0.22
20	0.06	OFF	0.08	OFF	0.03	OFF	0.18
21	0.03	OFF	OFF	0.03	0.03	OFF	0.08
22	0.03	OFF	OFF	0.03	0.03	OFF	0.04
23	OFF	0.02	0.04	0.02	OFF	0.02	0.04
24	OFF	0.03	OFF	0.02	0.02	0.03	0.05
25	OFF	0.03	0.02	0.02	0.02	OFF	0.06
26	0.03	OFF	0.03	0.09	OFF	0.07	0.15
27	0.06	OFF	0.05	0.10	0.03	0.03	0.19
28	OFF	OFF	OFF	OFF	0.06	OFF	0.30
29	0.05	0.04	OFF	0.04	0.03	OFF	0.10
30	0.03	OFF	0.03	0.03	0.03	OFF	0.06
31	0.03	OFF	0.03	0.04	OFF	0.04	0.06

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: 

DATE: 04/02/24

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-24	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 / 01:16	0.69	526	362.9	8.0	7.31	23.7	YES	879
02 / 21:21	0.71	519	368.5	9.0	7.93	27.7	YES	840
03 / 11:19	0.72	527	379.4	9.0	6.80	18.6	YES	1316
04 / 12:45	0.72	548	394.6	8.0	6.65	18.9	YES	899
05 / 05:51	0.71	550	390.5	8.5	7.74	26.8	YES	938
06 / 11:27	0.73	485	354.1	8.5	7.58	25.3	YES	1133
07 / 05:31	0.72	487	350.6	8.8	7.58	24.8	YES	970
08 / 14:59	0.75	485	363.8	8.2	7.83	28.3	YES	997
09 / 17:44	0.66	497	328.0	8.2	7.81	27.8	YES	2312
10 / 16:27	0.75	481	360.8	8.5	7.48	24.5	YES	866
11 / 17:47	0.72	475	342.0	8.2	7.48	24.9	YES	801
12 / 16:18	0.73	495	361.4	8.5	7.36	23.4	YES	957
13 / 08:40	0.72	457	329.0	8.5	7.81	27.5	YES	1511
14 / 18:56	0.72	438	315.4	9.0	7.42	23.1	YES	755
15 / 06:28	0.7	441	308.7	9.0	7.76	26.0	YES	1967
16 / 02:11	0.71	437	310.3	9.0	7.70	25.5	YES	1921
17 / 09:09	0.72	480	345.6	9.5	7.86	26.2	YES	1882
18 / 05:45	0.71	455	323.1	10.0	7.41	21.5	YES	1159
19 / 16:59	0.68	421	286.3	10.0	7.39	21.3	YES	879
20 / 21:40	0.68	426	289.7	10.0	7.73	24.0	YES	1765
21 / 05:44	0.68	415	282.2	10.0	7.70	23.8	YES	821
22 / 23:54	0.68	414	281.5	10.0	7.50	22.2	YES	1667
23 / 02:04	0.67	414	277.4	10.0	7.12	19.4	YES	1621
24 / 05:07	0.65	415	269.8	10.0	7.10	19.2	YES	1420
25 / 20:13	0.63	426	268.4	10.0	6.33	14.8	YES	1420
26 / 16:15	0.65	436	283.4	9.5	7.30	21.3	YES	1420
27 / 05:07	0.66	436	287.8	9.5	7.34	21.6	YES	1244
28 / 10:30	0.68	480	326.4	9.0	7.23	21.5	YES	1492
29 / 09:00	0.69	488	336.7	9.5	6.90	18.6	YES	892
30 / 14:46	0.69	491	338.8	9.0	7.89	27.2	YES	768
31 / 00:24	0.7	463	324.1	9.5	7.81	25.6	YES	715

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 24

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.381		8.4		0.554	40.1
2	1.185		7.7		0.508	42.9
3	1.380		8.2		0.541	39.2
4	1.225		9.2		0.607	49.6
5	1.338		7.5		0.495	37.0
6	1.312		7.6		0.502	38.2
7	1.330		7.9		0.521	39.2
8	1.436		9.1		0.601	41.8
9	0.941		6.9		0.455	48.4
10	1.379		6.8		0.449	32.5
11	1.086		7.2		0.475	43.8
12	1.528		7.3		0.482	31.5
13	1.138		7.3		0.482	42.3
14	1.303		7.3		0.482	37.0
15	1.403		8.0		0.528	37.6
16	1.326		8.7		0.574	43.3
17	1.508		7.8		0.515	34.1
18	1.020		7.1		0.469	45.9
19	1.644		9.1		0.601	36.5
20	1.172		6.6		0.436	37.2
21	1.348		8.2		0.541	40.1
22	1.291		7.7		0.508	39.4
23	1.320		8.1		0.535	40.5
24	1.165		7.6		0.502	43.1
25	1.125		7.4		0.488	43.4
26	1.265		8.1		0.535	42.3
27	1.311		6.8		0.449	34.2
28	1.000		7.6		0.502	50.2
29	1.101		8.1		0.535	48.6
30	1.324		8.1		0.535	40.4
31	1.267		6.6		0.436	34.4
Total	39.552		240.0		15.840	40.0
Average	1.276		7.7		0.511	40.5

