


OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **May-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 <sup>1</sup> [NTU]
1	OFF	0.03	0.03	0.12	0.03	0.03	0.12
2	OFF	0.03	OFF	OFF	0.03	0.02	0.05
3	OFF	0.03	0.03	0.03	0.04	0.03	0.05
4	OFF	0.03	OFF	0.03	OFF	0.03	0.06
5	OFF	0.03	0.03	0.03	OFF	0.03	0.05
6	OFF	OFF	OFF	0.03	OFF	0.03	0.05
7	OFF	0.03	0.03	0.03	0.03	0.03	0.05
8	OFF	0.03	0.03	OFF	0.02	0.03	0.07
9	OFF	0.03	0.03	0.03	OFF	0.03	0.05
10	0.03	0.02	OFF	0.02	0.05	0.02	0.05
11	OFF	0.02	0.02	0.02	0.03	OFF	0.06
12	0.03	OFF	0.02	0.02	OFF	0.03	0.05
13	0.02	OFF	0.03	0.03	0.03	0.02	0.05
14	OFF	OFF	0.03	0.03	0.03	0.02	0.05
15	0.03	0.03	0.02	OFF	0.03	0.03	0.05
16	OFF	0.05	0.05	0.03	0.03	0.03	0.05
17	0.03	OFF	0.03	0.03	OFF	0.03	0.05
18	OFF	OFF	0.03	0.03	0.03	0.03	0.05
19	OFF	0.03	OFF	0.04	0.03	0.03	0.06
20	OFF	0.03	0.04	0.03	0.03	OFF	0.06
21	OFF	OFF	0.04	0.04	0.05	0.05	0.08
22	OFF	0.05	0.06	0.04	0.05	0.04	0.07
23	OFF	OFF	0.04	0.04	0.06	0.05	0.09
24	0.05	0.04	0.04	0.04	0.05	0.06	0.08
25	0.04	OFF	0.04	0.04	0.08	OFF	0.08
26	OFF	0.08	0.06	0.06	0.06	0.06	0.08
27	OFF	0.07	0.06	0.07	0.07	OFF	0.13
28	0.10	0.11	0.07	0.05	0.04	0.04	0.12
29	OFF	0.04	0.03	0.04	0.03	0.03	0.06
30	0.03	OFF	0.03	0.03	0.05	0.04	0.06
31	0.03	0.03	0.03	0.03	0.03	0.04	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) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
All 4-hour turbidity readings ≤ 1 NTU? <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: 	DATE: <b>6/02/23</b>
	PHONE #: <b>( 503 ) 873-5437</b>	CERT #: <b>7126</b>

<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. (333-061-0040(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:	May-23	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 / 02:19	0.61	426	259.9	10.5	8.15	26.8	YES	762
02 / 08:04	0.61	428	261.1	10.0	7.79	24.4	YES	879
03 / 17:40	0.58	430	249.4	10.0	7.55	22.3	YES	866
04 / 09:04	0.58	416	241.3	11.0	7.45	20.2	YES	703
05 / 01:22	0.58	422	244.8	10.0	5.73	12.1	YES	768
06 / 08:43	0.57	425	242.3	10.0	6.57	15.9	YES	657
07 / 06:29	0.57	437	249.1	10.5	7.38	20.3	YES	710
08 / 05:41	0.57	432	246.2	10.0	7.54	22.2	YES	697
09 / 03:36	0.57	422	240.5	11.0	7.45	20.1	YES	1127
10 / 06:02	0.56	423	236.9	10.0	8.04	26.5	YES	1042
11 / 05:14	0.58	425	246.5	10.5	8.09	26.1	YES	1426
12 / 01:45	0.57	453	258.2	12.0	8.40	26.4	YES	945
13 / 04:16	0.57	452	257.6	12.5	8.56	27.2	YES	1485
14 / 08:06	0.57	402	229.1	12.5	7.98	22.0	YES	912
15 / 04:13	0.6	408	244.8	13.0	7.99	21.4	YES	1146
16 / 18:07	0.59	414	244.3	14.0	8.23	21.9	YES	944
17 / 18:24	0.66	416	274.6	15.0	7.70	17.0	YES	1980
18 / 16:19	0.66	414	273.2	14.0	7.48	16.7	YES	905
19 / 12:10	0.65	399	259.4	14.0	7.63	17.7	YES	905
20 / 09:10	0.63	418	263.3	14.0	7.45	16.5	YES	951
21 / 00:34	0.66	401	264.7	14.0	7.59	17.4	YES	1407
22 / 18:19	0.59	413	243.7	14.5	7.64	17.0	YES	944
23 / 14:28	0.7	401	280.7	13.5	7.46	17.3	YES	1127
24 / 04:33	0.61	417	254.4	13.0	7.24	16.3	YES	1550
25 / 13:44	0.66	419	276.5	13.0	7.26	16.5	YES	1277
26 / 05:27	0.61	411	250.7	14.0	7.33	15.7	YES	1204
27 / 03:27	0.6	408	244.8	14.0	7.39	16.1	YES	892
28 / 22:17	0.59	404	238.4	15.0	7.45	15.4	YES	1022
29 / 05:51	0.57	418	238.3	14.0	7.24	15.2	YES	990
30 / 11:56	0.6	430	258.0	14.5	7.34	15.3	YES	1179
31 / 12:51	0.57	399	227.4	14.0	7.21	15.0	YES	1309

<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 May 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.295		6.8		0.449	34.7
2	1.092		6.0		0.396	36.3
3	1.401		6.4		0.422	30.1
4	1.154		6.3		0.416	36.0
5	1.308		5.7		0.376	28.8
6	1.197		5.9		0.389	32.5
7	1.160		6.5		0.429	37.0
8	1.192		6.4		0.422	35.4
9	1.618		7.0		0.462	28.6
10	1.228		6.5		0.429	34.9
11	1.476		7.9		0.521	35.3
12	1.254		7.1		0.469	37.4
13	1.575		10.0		0.660	41.9
14	1.959		10.3		0.680	34.7
15	1.482		10.5		0.693	46.8
16	1.719		9.6		0.634	36.9
17	1.509		9.3		0.614	40.7
18	1.727		10.4		0.686	39.7
19	1.802		10.0		0.660	36.6
20	1.701		10.3		0.680	40.0
21	1.727		10.1		0.667	38.6
22	1.576		9.3		0.614	38.9
23	1.938		9.3		0.614	31.7
24	1.621		10.3		0.680	41.9
25	1.756		10.3		0.680	38.7
26	1.789		10.4		0.686	38.4
27	1.918		11.6		0.766	39.9
28	1.701		11.1		0.733	43.1
29	1.931		11.2		0.739	38.3
30	1.673		10.4		0.686	41.0
31	1.795		10.5		0.693	38.6
<b>Total</b>	<b>10.500</b>		<b>273.4</b>		<b>18.044</b>	<b>171.9</b>
<b>Average</b>	<b>1.557</b>		<b>8.8</b>		<b>0.582</b>	<b>37.2</b>

