

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Oct-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	OFF	0.15	0.03	0.03	0.04	0.15
2	0.03	0.05	0.09	0.04	0.04	0.04	0.26
3	OFF	OFF	0.07	0.04	0.04	0.04	0.19
4	OFF	OFF	0.05	0.06	0.04	0.03	0.22
5	0.03	OFF	0.03	0.03	0.03	0.03	0.06
6	0.03	OFF	0.03	0.03	0.03	0.03	0.06
7	OFF	0.03	0.03	0.03	OFF	0.03	0.20
8	OFF	0.03	0.07	0.03	0.03	OFF	0.07
9	0.03	OFF	0.03	0.03	0.02	OFF	0.15
10	0.03	OFF	0.03	0.03	OFF	OFF	0.05
11	0.03	OFF	0.03	0.03	OFF	0.04	0.04
12	0.03	OFF	0.05	0.15	0.04	0.04	0.14
13	OFF	0.03	0.03	0.04	0.03	OFF	0.06
14	OFF	0.03	0.04	0.04	0.04	OFF	0.10
15	0.03	OFF	0.06	0.03	0.03	OFF	0.09
16	0.03	OFF	0.03	0.03	OFF	0.03	0.13
17	0.03	OFF	0.02	0.03	OFF	0.03	0.04
18	0.03	OFF	0.03	0.03	0.03	OFF	0.04
19	0.03	OFF	0.03	0.03	0.03	OFF	0.06
20	0.03	OFF	0.03	0.03	OFF	0.03	0.04
21	0.03	0.03	0.02	0.03	OFF	0.03	0.07
22	OFF	0.03	0.03	0.02	OFF	0.02	0.03
23	0.02	OFF	OFF	0.03	0.02	OFF	0.04
24	0.03	OFF	0.02	0.02	OFF	0.03	0.03
25	0.02	OFF	0.02	0.03	0.03	0.03	0.04
26	0.04	OFF	OFF	0.13	0.09	0.04	0.15
27	0.04	OFF	0.03	0.05	0.06	OFF	0.08
28	0.30	0.10	0.08	0.06	0.08	0.13	0.30
29	0.16	OFF	OFF	0.06	0.06	0.08	0.28
30	OFF	0.05	OFF	0.03	0.03	OFF	0.28
31	0.03	0.09	0.09	0.04	0.03	OFF	0.10

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings \leq 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 \geq 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
All 4-hour turbidity readings \leq 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No		
All turbidity readings < IFE ² triggers <input checked="" type="radio"/> Yes <input type="radio"/> No		

Notes:	PRINTED NAME: Guy Davis	
	SIGNATURE: <i>Guy Davis</i>	DATE: 11/01/23
	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:	Oct-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 / 02:47	0.6	547	328.2	14.0	6.47	11.4	YES	1055
02 / 14:38	0.61	529	322.7	14.5	7.39	15.6	YES	931
03 / 06:54	0.61	532	324.5	14.0	7.54	17.0	YES	905
04 / 06:52	0.6	533	319.8	14.0	7.77	18.5	YES	892
05 / 07:16	0.6	535	321.0	14.0	7.79	18.6	YES	1126
06 / 01:22	0.61	530	323.3	14.0	7.58	17.3	YES	1113
07 / 06:47	0.61	532	324.5	15.0	7.72	17.0	YES	794
08 / 05:25	0.61	521	317.8	15.0	7.54	15.9	YES	1029
09 / 11:07	0.61	532	324.5	14.5	7.36	15.4	YES	964
10 / 11:15	0.63	533	335.8	15.0	7.13	13.7	YES	1101
11 / 01:56	0.61	514	313.5	14.0	6.62	12.1	YES	997
12 / 06:52	0.58	537	311.5	14.5	6.96	13.2	YES	1120
13 / 03:22	0.54	513	277.0	14.5	7.44	15.7	YES	1328
14 / 06:17	0.51	514	262.1	14.0	8.62	25.0	YES	957
15 / 05:41	0.5	524	262.0	14.0	7.40	16.0	YES	743
16 / 01:34	0.49	522	255.8	13.5	7.07	14.6	YES	1270
17 / 16:43	0.48	517	248.2	13.5	7.11	14.8	YES	1902
18 / 05:47	0.5	510	255.0	13.5	7.81	19.2	YES	984
19 / 04:13	0.51	523	266.7	13.0	7.77	19.6	YES	827
20 / 01:34	0.51	533	271.8	13.0	7.43	17.3	YES	723
21 / 09:24	0.51	535	272.9	13.0	7.58	18.2	YES	1889
22 / 15:28	0.52	502	261.0	13.0	7.96	21.0	YES	1042
23 / 05:32	0.52	504	262.1	13.0	7.39	17.0	YES	951
24 / 17:31	0.53	557	295.2	13.0	7.41	17.2	YES	938
25 / 09:03	0.54	511	275.9	12.5	7.03	15.4	YES	1185
26 / 06:19	0.54	489	264.1	12.0	7.45	18.8	YES	1381
27 / 05:06	0.52	481	250.1	11.0	6.85	16.3	YES	1081
28 / 10:03	0.54	499	269.5	10.5	7.75	23.1	YES	1003
29 / 06:51	0.55	485	266.8	9.5	8.35	30.6	YES	879
30 / 14:20	0.55	475	261.3	9.5	8.05	27.5	YES	1179
31 / 04:03	0.6	480	288.0	9.0	7.57	24.1	YES	984

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 Oct 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.539		8.2		0.541	35.2
2	1.253		7.2		0.475	37.9
3	1.225		6.3		0.416	33.9
4	1.411		7.7		0.508	36.0
5	1.367		9.8		0.647	47.3
6	1.466		6.8		0.449	30.6
7	1.344		6.7		0.442	32.9
8	1.351		8.3		0.548	40.5
9	1.261		6.4		0.422	33.5
10	1.223		7.5		0.495	40.5
11	1.283		6.1		0.403	31.4
12	1.421		6.5		0.429	30.2
13	1.316		7.0		0.462	35.1
14	1.188		6.7		0.442	37.2
15	1.241		7.3		0.482	38.8
16	1.229		6.3		0.416	33.8
17	1.206		6.3		0.416	34.5
18	1.293		6.9		0.455	35.2
19	1.184		7.5		0.495	41.8
20	1.290		6.0		0.396	30.7
21	1.162		6.6		0.436	37.5
22	1.258		6.3		0.416	33.1
23	1.268		8.0		0.528	41.6
24	1.157		6.0		0.396	34.2
25	1.377		6.6		0.436	31.6
26	1.316		7.0		0.462	35.1
27	1.514		8.7		0.574	37.9
28	1.305		6.1		0.403	30.9
29	1.286		7.1		0.469	36.4
30	1.397		6.8		0.449	32.1
31	1.191		7.7		0.508	42.7
Total	40.322		218.4		14.414	35.7
Average	1.301		7.0		0.465	35.8

Total water treated vs. HL water
Oct 2023

