

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: MARION

Conventional or Direct Filtration

Month/Year: Mar-21

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	0.04	OFF	0.04	OFF	0.04	0.04	0.05
2	0.04	OFF	0.04	0.04	0.04	OFF	0.06
3	0.04	OFF	0.04	0.04	0.04	OFF	0.05
4	0.04	OFF	0.04	0.04	0.04	OFF	0.05
5	0.04	OFF	0.04	0.04	0.04	OFF	0.05
6	0.04	OFF	0.04	0.04	0.04	OFF	0.05
7	0.04	OFF	0.04	0.05	0.04	OFF	0.05
8	0.04	OFF	0.04	0.04	0.04	OFF	0.05
9	0.04	OFF	0.04	0.05	0.04	OFF	0.05
10	0.04	OFF	0.04	0.04	OFF	0.04	0.05
11	0.04	OFF	0.04	0.04	OFF	0.04	0.07
12	0.04	OFF	0.04	0.04	0.04	0.04	0.24
13	0.04	OFF	0.04	0.04	0.04	OFF	0.17
14	0.06	OFF	0.04	0.05	0.05	OFF	0.10
15	0.05	OFF	0.04	0.05	OFF	OFF	0.10
16	0.05	OFF	0.04	0.04	0.04	OFF	0.05
17	0.04	0.04	0.04	0.04	OFF	OFF	0.05
18	0.04	OFF	0.04	OFF	0.04	OFF	0.09
19	0.07	OFF	0.06	0.05	0.04	OFF	0.08
20	0.04	OFF	0.05	0.04	0.04	OFF	0.06
21	0.04	OFF	0.04	0.04	0.04	OFF	0.05
22	0.04	OFF	0.04	OFF	0.04	OFF	0.05
23	0.04	OFF	0.04	0.04	0.04	OFF	0.05
24	0.04	OFF	0.04	OFF	0.04	OFF	0.05
25	0.04	OFF	0.04	0.04	OFF	0.04	0.05
26	0.04	OFF	0.04	0.04	0.04	OFF	0.05
27	OFF	OFF	0.04	0.04	OFF	0.04	0.05
28	OFF	OFF	0.04	0.04	0.04	OFF	0.05
29	OFF	OFF	0.04	0.04	OFF	0.04	0.05
30	0.04	OFF	0.04	0.04	0.04	0.04	0.05
31	0.04	OFF	0.04	0.04	0.04	0.04	0.05

Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings ≤ 0.3 NTU? Yes / No
 All 4-hour turbidity readings ≤ 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 ≥ 0.2 mg/l? Yes / No

Notes:

PRINTED NAME: Brad Jensen
 SIGNATURE: 
 PHONE #: 503 1982 3119
 DATE: 4/1/21
 CERT #: 08913

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 Eff. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - :	A
Disinfection <i>Giardia</i> Log Inactiv:	1

System Name:	SILVERTON, CITY OF	ID#: 41	00823	Month/Year:	Mar-21
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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]
1/10:56	0.76	484	367.8	8.5	7.55	50.3	YES	1003
2/13:25	0.79	483	381.6	9.0	7.27	44.2	YES	1400
3/13:19	0.78	498	388.4	8.0	7.22	46.4	YES	1426
4/13:32	0.77	497	382.7	8.5	7.72	53.5	YES	1042
5/12:30	0.76	494	375.4	8.5	7.33	46.5	YES	1094
6/13:33	0.78	486	379.1	8.0	7.40	49.4	YES	1068
7/11:47	0.73	485	354.1	8.5	7.37	47.0	YES	990
8/13:19	0.79	493	389.5	8.0	7.69	54.9	YES	925
9/13:15	0.79	484	382.4	9.0	7.57	49.2	YES	964
10/14:15	0.78	474	369.7	8.5	7.74	54.0	YES	886
11/10:18	0.8	483	386.4	8.5	7.22	45.0	YES	957
12/13:39	0.82	468	383.8	8.5	7.20	44.7	YES	1452
13/13:25	0.8	468	374.4	8.5	7.24	45.3	YES	937
14/14:18	0.77	491	378.1	8.5	7.21	44.7	YES	795
15/14:18	0.77	470	361.9	8.2	7.27	46.5	YES	984
16/12:33	0.79	476	376.0	8.5	7.64	52.1	YES	892
17/16:28	0.79	477	376.8	9.5	7.65	48.9	YES	1309
18/11:41	0.77	480	369.6	8.5	7.31	46.3	YES	892
19/13:48	0.76	480	364.8	9.0	7.21	43.2	YES	931
20/13:53	0.75	472	354.0	8.5	7.58	50.8	YES	1081
21/14:20	0.76	470	357.2	9.0	7.47	47.3	YES	769
22/11:35	0.75	467	350.3	9.0	7.44	46.7	YES	1094
23/13:58	0.72	485	349.2	9.0	7.40	45.9	YES	1511
24/21:44	0.76	467	354.9	8.5	7.54	50.1	YES	905
25/15:28	0.75	474	355.5	8.7	7.58	50.1	YES	873
26/12:35	0.69	475	327.8	9.0	7.75	51.8	YES	892
27/15:36	0.74	499	369.3	9.0	7.44	46.7	YES	1452
28/01:46	0.72	499	359.3	9.0	7.40	45.9	YES	801
29/20:06	0.75	484	363.0	9.0	7.26	43.9	YES	1166
30/16:32	0.75	493	369.8	8.7	7.45	47.9	YES	931
31/12:55	0.7	485	339.5	8.2	7.61	52.1	YES	1029

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 March 2021

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.356		5.3		0.350	25.8
2	1.383		6.2		0.409	29.6
3	1.431		6.3		0.416	29.1
4	1.377		6.1		0.403	29.2
5	1.426		6.3		0.416	29.2
6	1.449		6.2		0.409	28.2
7	1.485		6.0		0.396	26.7
8	1.454		6.1		0.403	27.7
9	1.539		6.1		0.403	26.2
10	1.419		5.1		0.337	23.7
11	1.399		5.2		0.343	24.5
12	1.351		5.1		0.337	24.9
13	1.340		4.2		0.277	20.7
14	1.100		4.2		0.277	25.2
15	1.395		5.0		0.330	23.7
16	1.420		5.2		0.343	24.2
17	1.452		5.1		0.337	23.2
18	1.474		7.2		0.475	32.2
19	1.514		5.1		0.337	22.2
20	1.371		5.2		0.343	25.0
21	1.294		5.0		0.330	25.5
22	1.446		5.1		0.337	23.3
23	1.427		5.2		0.343	24.1
24	1.294		4.0		0.264	20.4
25	1.332		4.1		0.271	20.3
26	1.252		4.0		0.264	21.1
27	1.178		4.1		0.271	23.0
28	1.170		4.0		0.264	22.6
29	1.519		5.2		0.343	22.6
30	1.454		5.1		0.337	23.1
31	1.518		6.1		0.403	26.5
Total	43.019		163.1		10.765	25.0
Average	1.388		5.3		0.347	25.0

