

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: MARION

Conventional or Direct Filtration

Month/Year: Oct 2022

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	0.03	0.03	OFF	0.03	0.05
2	0.03	OFF	0.03	0.03	0.03	0.03	0.12
3	0.03	OFF	0.03	0.08	0.04	OFF	0.16
4	0.03	OFF	0.03	0.03	OFF	0.03	0.07
5	0.03	0.03	0.03	0.03	0.02	OFF	0.15
6	0.03	OFF	0.04	0.03	OFF	0.03	0.04
7	0.03	OFF	0.03	0.03	0.03	OFF	0.04
8	0.03	0.03	0.03	0.03	0.04	0.03	0.04
9	OFF	0.03	0.03	0.03	OFF	0.03	0.06
10	OFF	0.03	0.03	0.03	0.03	0.03	0.05
11	OFF	0.03	0.03	OFF	0.04	OFF	0.04
12	0.03	OFF	0.03	0.04	0.03	0.03	0.04
13	0.03	OFF	0.03	0.03	OFF	0.03	0.07
14	0.05	OFF	0.03	0.03	0.03	0.03	0.07
15	OFF	0.03	0.03	0.03	0.03	0.03	0.07
16	OFF	OFF	0.06	0.04	0.04	0.03	0.06
17	0.03	OFF	0.03	0.03	0.03	0.03	0.06
18	OFF	OFF	0.03	0.03	OFF	0.03	0.04
19	0.03	OFF	0.03	0.03	0.03	OFF	0.04
20	0.03	0.03	0.03	0.03	0.03	0.03	0.05
21	0.03	OFF	0.03	0.03	0.03	OFF	0.04
22	OFF	0.03	0.04	0.03	0.05	OFF	0.06
23	OFF	0.05	OFF	OFF	0.03	OFF	0.06
24	0.04	OFF	0.04	0.04	0.04	OFF	0.13
25	OFF	0.05	0.04	0.04	OFF	OFF	0.09
26	0.03	0.03	OFF	0.04	0.04	0.03	0.19
27	0.04	OFF	OFF	0.04	0.04	0.05	0.07
28	OFF	0.05	0.04	OFF	0.05	0.06	0.09
29	OFF	OFF	0.06	0.08	0.08	0.06	0.10
30	OFF	OFF	0.08	0.06	0.06	0.05	0.08
31	OFF	0.06	OFF	0.05	0.03	OFF	0.06

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)


All Cl2 residual at entry point ≥ 0.2 mg/l?

Yes No

Yes No

Notes:

PRINTED NAME: Guy Davis

SIGNATURE: 

DATE: 11/07/22

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 Eff. (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 2022	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 / 04:25	0.56	496	277.8	16.0	7.41	14.1	YES	931
02 / 22:49	0.57	568	323.8	16.0	7.35	13.8	YES	1355
03 / 05:50	0.56	473	264.9	16.0	7.21	13.1	YES	1088
04 / 05:21	0.55	443	243.7	15.0	7.15	13.7	YES	879
05 / 21:49	0.54	441	238.1	15.0	7.29	14.4	YES	951
06 / 07:18	0.56	463	259.3	15.0	7.39	15.0	YES	873
07 / 20:19	0.57	445	253.7	14.5	7.51	16.2	YES	905
08 / 11:06	0.59	452	266.7	15.0	7.38	15.0	YES	873
09 / 23:40	0.61	463	282.4	15.0	7.42	15.2	YES	879
10 / 15:32	0.63	461	290.4	15.0	7.46	15.5	YES	899
11 / 05:37	0.54	480	259.2	15.0	7.45	15.3	YES	1238
12 / 08:36	0.43	446	191.8	15.0	7.33	14.4	YES	1029
13 / 20:16	0.6	425	255.0	14.5	8.28	21.6	YES	1804
14 / 23:13	0.61	493	300.7	14.0	8.51	24.3	YES	1426
15 / 07:26	0.63	513	323.2	13.5	8.37	23.9	YES	886
16 / 04:42	0.61	509	310.5	13.5	8.15	22.0	YES	1472
17 / 04:54	0.58	516	299.3	14.0	7.73	18.2	YES	827
18 / 03:55	0.56	505	282.8	13.5	7.61	17.9	YES	997
19 / 22:56	0.56	521	291.8	13.0	7.50	17.8	YES	873
20 / 07:24	0.54	493	266.2	13.2	7.49	17.5	YES	1159
21 / 03:02	0.54	484	261.4	13.0	7.54	18.0	YES	1192
22 / 23:57	0.52	492	255.8	13.0	7.56	18.1	YES	892
23 / 05:45	0.45	503	226.4	13.0	7.56	18.0	YES	723
24 / 08:03	0.46	468	215.3	12.0	7.49	18.9	YES	1107
25 / 10:37	0.46	477	219.4	12.0	7.72	20.5	YES	1329
26 / 09:07	0.51	475	242.3	12.0	7.70	20.5	YES	690
27 / 07:42	0.52	523	272.0	11.5	7.30	18.4	YES	2540
28 / 18:33	0.52	516	268.3	11.5	7.18	17.7	YES	716
29 / 05:32	0.56	507	283.9	11.5	7.25	18.2	YES	632
30 / 15:13	0.56	509	285.0	12.0	7.19	17.2	YES	625
31 / 00:57	0.56	485	271.6	12.0	7.22	17.4	YES	1048

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 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.175		8.8		0.581	49.4
2	1.330		7.3		0.482	36.2
3	1.523		8.3		0.548	36.0
4	1.489		8.2		0.541	36.3
5	1.485		7.3		0.482	32.4
6	1.270		7.4		0.488	38.5
7	1.328		8.2		0.541	40.8
8	1.485		7.1		0.469	31.6
9	1.659		8.6		0.568	34.2
10	1.570		8.2		0.541	34.5
11	1.334		7.9		0.521	39.1
12	1.362		8.1		0.535	39.3
13	1.411		7.7		0.508	36.0
14	1.527		8.2		0.541	35.4
15	1.417		10.0		0.660	46.6
16	1.350		7.6		0.502	37.2
17	1.410		8.4		0.554	39.3
18	1.259		7.1		0.469	37.2
19	1.326		7.1		0.469	35.3
20	1.258		8.2		0.541	43.0
21	1.420		8.8		0.581	40.9
22	1.194		5.3		0.350	29.3
23	1.049		5.7		0.376	35.9
24	1.531		7.0		0.462	30.2
25	1.125		5.9		0.389	34.6
26	1.104		5.8		0.383	34.7
27	1.140		7.2		0.475	41.7
28	1.000		4.9		0.323	32.3
29	1.099		5.7		0.376	34.2
30	1.280		8.1		0.535	41.8
31	1.337		6.2		0.409	30.6
Total	41.247		230.3		15.200	36.9
Average	1.331		7.4		0.490	36.9

