

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: MARION

Conventional or Direct Filtration

Month/Year: Jan-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	0.03	0.03	0.05	0.03	0.03	OFF	0.29
2	0.03	0.03	0.03	0.03	0.04	0.03	0.11
3	0.03	0.02	OFF	0.03	0.04	0.03	0.07
4	0.03	OFF	OFF	0.05	0.04	0.04	0.12
5	OFF	0.04	0.05	0.05	0.04	0.03	0.09
6	OFF	0.04	0.03	0.07	0.05	0.03	0.10
7	0.04	0.03	0.03	0.04	OFF	0.04	0.15
8	OFF	0.03	0.21	0.03	0.03	0.04	0.21
9	OFF	0.06	0.05	0.03	0.03	0.03	0.16
10	OFF	0.03	OFF	0.03	0.03	0.03	0.19
11	0.03	OFF	0.05	0.04	0.03	OFF	0.10
12	0.05	0.04	0.03	0.04	0.03	0.03	0.21
13	OFF	0.03	OFF	0.03	0.03	OFF	0.11
14	0.03	0.03	OFF	0.03	0.03	OFF	0.12
15	0.03	0.03	OFF	0.03	0.03	0.03	0.19
16	0.05	OFF	0.04	0.07	0.04	0.04	0.11
17	0.05	OFF	0.07	0.04	0.04	OFF	0.21
18	0.03	0.03	0.03	0.04	0.03	OFF	0.16
19	0.03	0.03	OFF	0.03	0.03	0.03	0.27
20	0.03	OFF	0.03	0.04	0.04	0.04	0.11
21	OFF	0.03	0.06	0.05	0.05	0.06	0.10
22	OFF	0.04	0.06	0.04	0.03	0.03	0.08
23	0.03	OFF	0.03	0.04	0.03	0.03	0.24
24	0.04	0.03	0.05	0.13	0.05	0.04	0.15
25	0.03	OFF	0.03	0.04	0.04	0.03	0.14
26	0.03	0.03	OFF	0.07	0.05	0.04	0.06
27	OFF	0.06	0.03	0.04	0.04	OFF	0.05
28	0.05	0.04	0.03	0.03	0.03	OFF	0.05
29	0.03	OFF	OFF	0.03	0.03	OFF	0.04
30	0.04	0.03	0.04	0.03	0.05	OFF	0.06
31	0.06	0.04	0.04	OFF	OFF	0.05	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)

Yes / No

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

Yes / No

Notes:

PRINTED NAME: Guy Davis

SIGNATURE: 

DATE: 02/02/23

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

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: SILVERTON, CITY OF						WTP - : A	
ID#: 41	00823	Month/Year: Jan-23	Disinfection <i>Giardia</i> Log Inactiv: 0.5				

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 / 08:38	0.67	536	359.1	9.5	7.74	24.9	YES	651
02 / 05:48	0.69	643	443.7	9.0	7.69	25.4	YES	873
03 / 17:23	0.71	572	406.1	9.5	7.52	23.2	YES	853
04 / 22:18	0.72	582	419.0	9.0	7.51	23.9	YES	1420
05 / 01:51	0.7	590	413.0	9.0	7.47	23.5	YES	1660
06 / 10:56	0.69	585	403.7	10.0	6.75	17.1	YES	847
07 / 15:21	0.64	604	386.6	10.0	6.61	16.2	YES	970
08 / 03:08	0.52	579	301.1	10.0	7.90	25.1	YES	827
09 / 05:17	0.67	565	378.6	10.0	7.80	24.6	YES	1791
10 / 07:58	0.62	576	357.1	9.0	7.49	23.4	YES	1641
11 / 21:25	0.6	611	366.6	9.0	8.22	30.4	YES	879
12 / 07:47	0.66	563	371.6	9.5	7.67	24.3	YES	821
13 / 13:37	0.59	555	327.5	10.0	7.58	22.6	YES	827
14 / 08:51	0.65	572	371.8	9.5	7.69	24.4	YES	1094
15 / 12:58	0.58	549	318.4	9.0	7.86	26.6	YES	1029
16 / 16:43	0.63	512	322.6	9.5	7.97	26.9	YES	814
17 / 22:53	0.65	622	404.3	9.5	7.85	25.9	YES	730
18 / 20:51	0.66	626	413.2	10.0	8.09	27.3	YES	1394
19 / 07:41	0.59	606	357.5	10.0	8.05	26.7	YES	560
20 / 23:07	0.64	612	391.7	9.0	7.98	28.0	YES	664
21 / 05:35	0.68	590	401.2	8.0	8.10	31.4	YES	651
22 / 00:18	0.67	620	415.4	8.5	8.08	30.1	YES	749
23 / 06:09	0.67	631	422.8	8.5	8.00	29.3	YES	821
24 / 17:34	0.68	591	401.9	8.2	8.10	31.0	YES	1179
25 / 14:32	0.68	615	418.2	8.0	7.68	27.0	YES	1759
26 / 14:40	0.67	538	360.5	8.0	7.29	23.5	YES	1667
27 / 06:55	0.65	565	367.3	9.0	7.95	27.7	YES	1869
28 / 08:05	0.66	531	350.5	8.5	8.00	29.2	YES	1387
29 / 05:23	0.66	533	351.8	8.0	7.80	28.1	YES	866
30 / 05:35	0.65	525	341.3	7.5	7.71	28.1	YES	957
31 / 00:01	0.65	528	343.2	8.0	7.60	26.1	YES	885

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 Jan 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.128		6.8		0.449	39.8
2	1.282		7.4		0.488	38.1
3	1.162		6.9		0.455	39.2
4	1.271		7.4		0.488	38.4
5	1.220		7.1		0.469	38.4
6	1.237		5.8		0.383	30.9
7	1.205		7.0		0.462	38.3
8	1.161		7.9		0.521	44.9
9	1.367		6.5		0.429	31.4
10	1.236		9.0		0.594	48.1
11	1.248		7.8		0.515	41.3
12	1.294		8.9		0.587	45.4
13	1.340		8.5		0.561	41.9
14	1.117		8.2		0.541	48.5
15	1.105		9.6		0.634	57.3
16	1.664		11.7		0.772	46.4
17	1.139		9.3		0.614	53.9
18	1.272		9.0		0.594	46.7
19	1.309		11.5		0.759	58.0
20	1.256		10.4		0.686	54.6
21	1.417		12.9		0.851	60.1
22	1.440		14.7		0.970	67.4
23	1.287		6.8		0.449	34.9
24	1.320		6.7		0.442	33.5
25	1.418		6.1		0.403	28.4
26	1.313		6.5		0.429	32.7
27	1.329		5.4		0.356	26.8
28	1.256		6.8		0.449	35.7
29	1.089		5.2		0.343	31.5
30	1.262		6.2		0.409	32.4
31	1.482		7.0		0.462	31.2
Total	39.626				16.566	41.8
Average	1.278		8.1		0.534	41.8

