

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Jan-24**

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	0.03	OFF	0.03	0.03	0.04
2	0.03	OFF	OFF	0.03	0.03	0.02	0.04
3	OFF	OFF	0.02	0.02	0.02	0.02	0.04
4	0.02	0.02	OFF	0.02	OFF	0.02	0.09
5	0.02	OFF	0.03	0.03	OFF	0.03	0.04
6	0.03	OFF	0.03	0.03	0.03	0.03	0.04
7	OFF	0.03	0.04	0.03	OFF	0.03	0.06
8	OFF	OFF	0.03	0.03	OFF	0.03	0.06
9	0.03	OFF	0.03	0.03	0.28	0.03	0.28
10	OFF	0.05	0.06	0.03	OFF	0.03	0.06
11	0.03	OFF	OFF	OFF	0.03	0.03	0.05
12	0.03	0.03	OFF	0.03	0.03	OFF	0.20
13	0.03	OFF	OFF	0.04	0.03	0.04	0.05
14	0.05	OFF	OFF	0.03	0.03	0.04	0.16
15	OFF	OFF	0.05	0.04	0.03	0.03	0.07
16	0.03	OFF	0.03	0.03	0.03	0.03	0.07
17	OFF	OFF	0.03	0.03	0.03	OFF	0.08
18	OFF	OFF	OFF	0.04	0.04	0.03	0.06
19	0.03	0.03	0.03	0.04	0.03	0.04	0.10
20	0.05	0.09	0.05	0.05	0.04	0.05	0.07
21	0.04	OFF	OFF	0.04	0.03	0.03	0.10
22	OFF	OFF	0.03	0.03	0.04	0.03	0.06
23	0.05	0.03	OFF	0.03	0.03	OFF	0.04
24	0.03	0.03	OFF	0.03	0.03	OFF	0.23
25	0.03	OFF	0.03	0.03	0.03	OFF	0.05
26	OFF	0.03	0.03	0.03	0.03	0.02	0.09
27	OFF	0.02	OFF	0.03	0.02	OFF	0.04
28	0.02	OFF	0.03	0.04	0.03	0.02	0.06
29	0.03	OFF	OFF	0.03	0.03	0.03	0.06
30	OFF	0.03	OFF	0.03	0.03	OFF	0.13
31	0.03	OFF	OFF	0.03	0.03	OFF	0.08

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: 	DATE: 02/01/24
	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:	Jan-24	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 / 05:06	0.79	530	418.7	10.0	7.15	19.9	YES	1062
02 / 15:26	0.7	536	375.2	10.0	6.83	17.6	YES	1003
03 / 22:19	0.71	558	396.2	8.7	7.14	21.4	YES	1296
04 / 07:04	0.71	548	389.1	9.2	7.27	21.6	YES	1068
05 / 04:51	0.71	539	382.7	9.5	7.50	23.0	YES	1139
06 / 05:01	0.71	536	380.6	9.0	7.71	25.6	YES	970
07 / 01:25	0.7	536	375.2	9.0	7.26	21.8	YES	840
08 / 17:10	0.69	549	378.8	9.5	8.11	28.5	YES	1101
09 / 09:27	0.7	545	381.5	9.2	7.80	26.1	YES	997
10 / 04:46	0.7	548	383.6	9.5	7.03	19.5	YES	886
11 / 22:05	0.7	533	373.1	8.5	6.43	16.9	YES	1010
12 / 09:08	0.7	533	373.1	8.2	7.28	23.2	YES	834
13 / 19:30	0.71	527	374.2	7.8	7.82	28.9	YES	769
14 / 03:56	0.71	533	378.4	7.5	7.93	30.7	YES	710
15 / 17:39	0.73	533	389.1	7.0	7.97	32.3	YES	1133
16 / 16:37	0.74	536	396.6	7.0	8.21	35.3	YES	814
17 / 03:50	0.74	552	408.5	7.0	7.88	31.3	YES	2188
18 / 10:43	0.71	530	376.3	7.5	7.41	25.4	YES	860
19 / 11:20	0.77	494	380.4	7.2	6.70	20.3	YES	957
20 / 00:07	0.77	528	406.6	8.0	7.00	21.4	YES	1374
21 / 01:48	0.75	528	396.0	8.0	7.32	23.9	YES	1856
22 / 22:09	0.76	533	405.1	9.0	8.12	29.8	YES	977
23 / 06:00	0.73	527	384.7	9.2	7.63	24.6	YES	970
24 / 05:38	0.71	539	382.7	8.8	7.97	28.5	YES	1361
25 / 02:25	0.68	510	346.8	9.2	7.39	22.5	YES	821
26 / 03:01	0.69	555	383.0	9.0	7.68	25.3	YES	1107
27 / 19:27	0.67	514	344.4	9.5	7.63	24.0	YES	2742
28 / 22:12	0.68	530	360.4	10.0	7.80	24.6	YES	970
29 / 08:14	0.67	527	353.1	10.0	7.30	20.6	YES	997
30 / 06:39	0.67	527	353.1	10.2	7.37	20.9	YES	970
31 / 19:43	0.63	530	333.9	10.2	7.21	19.7	YES	1218

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 24

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.146		7.3		0.482	42.0
2	1.171		6.6		0.436	37.2
3	1.154		6.0		0.396	34.3
4	1.108		7.2		0.475	42.9
5	1.038		7.2		0.475	45.8
6	1.246		8.0		0.528	42.4
7	1.260		7.1		0.469	37.2
8	1.174		7.4		0.488	41.6
9	1.137		7.4		0.488	43.0
10	1.094		5.6		0.370	33.8
11	1.260		8.2		0.541	43.0
12	1.155		6.7		0.442	38.3
13	1.107		7.0		0.462	41.7
14	1.148		7.0		0.462	40.2
15	1.268		7.9		0.521	41.1
16	1.305		7.5		0.495	37.9
17	0.732		5.0		0.330	45.1
18	1.599		9.8		0.647	40.5
19	1.907		11.7		0.772	40.5
20	1.497		7.5		0.495	33.1
21	1.279		8.7		0.574	44.9
22	1.410		6.1		0.403	28.6
23	1.183		7.2		0.475	40.2
24	1.187		8.1		0.535	45.0
25	1.441		7.6		0.502	34.8
26	1.308		7.2		0.475	36.3
27	1.085		6.6		0.436	40.1
28	1.432		7.3		0.482	33.6
29	1.304		7.7		0.508	39.0
30	1.130		6.5		0.429	38.0
31	1.267		7.2		0.475	37.5
Total	38.532		228.3		15.068	39.1
Average	1.243		7.4		0.486	39.3

