

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Dec-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	OFF	0.03	OFF	0.03	0.03	0.03	0.04
2	0.03	OFF	OFF	OFF	0.03	0.03	0.03
3	0.03	0.03	0.02	0.06	0.18	0.09	0.29
4	0.17	OFF	OFF	OFF	0.24	0.03	0.29
5	0.06	0.05	0.05	0.04	0.06	0.04	0.10
6	0.04	0.03	0.03	0.04	0.10	0.09	0.11
7	0.08	0.07	0.07	0.14	0.03	0.03	0.16
8	0.03	0.03	0.03	0.03	0.03	0.03	0.05
9	0.03	0.03	0.03	0.03	0.13	0.11	0.13
10	0.10	0.11	0.12	0.05	OFF	0.03	0.22
11	0.03	0.03	0.03	0.06	0.03	OFF	0.07
12	0.03	OFF	0.03	0.03	0.05	0.03	0.05
13	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14	OFF	0.03	OFF	0.03	OFF	0.03	0.03
15	OFF	OFF	0.03	0.04	0.03	0.03	0.04
16	0.03	OFF	OFF	OFF	0.04	OFF	0.05
17	0.03	0.03	0.03	0.07	0.03	0.03	0.14
18	0.03	0.03	0.03	0.03	0.05	0.03	0.18
19	0.03	0.03	0.03	0.04	0.13	0.13	0.17
20	OFF	0.08	0.10	0.05	0.05	OFF	0.14
21	OFF	0.04	0.03	0.09	0.06	0.06	0.10
22	OFF	0.04	0.04	OFF	0.03	OFF	0.10
23	0.03	0.03	OFF	0.36	1.00	1.00	1.00
24	0.48	0.36	1.00	1.00	0.44	0.15	1.00
25	0.08	0.06	0.05	0.05	0.05	0.06	0.40
26	0.12	0.23	0.19	0.40	0.51	0.30	1.00
27	0.14	0.37	0.03	0.03	0.03	0.03	0.05
28	0.04	0.04	0.03	0.05	0.05	0.05	0.30
29	0.04	0.04	0.03	0.06	0.04	0.03	0.09
30	0.03	0.03	0.03	0.08	0.06	0.04	0.09
31	0.03	0.03	0.03	0.06	0.04	0.03	0.07

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: 

1/2/2025

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:	Dec-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 / 04:10	0.72	451	324.7	7.2	7.65	28.3	YES	859
02 / 12:50	0.63	888	559.4	7.4	6.40	17.8	YES	964
03 / 06:06	0.72	363	261.4	6.7	5.60	14.4	YES	944
04 / 13:23	0.65	734	477.1	6.7	7.72	29.8	YES	866
05 / 14:48	0.73	635	463.6	5.8	8.06	36.2	YES	1146
06 / 03:24	0.76	770	585.2	5.5	7.49	30.1	YES	1055
07 / 04:44	0.68	759	516.1	6.2	7.96	33.8	YES	794
08 / 22:13	0.64	753	481.9	6.4	7.18	25.0	YES	814
09 / 08:48	0.68	814	553.5	6.7	5.96	16.1	YES	925
10 / 11:58	0.65	441	286.7	7.3	5.72	14.3	YES	853
11 / 14:21	0.73	473	345.3	6.9	5.39	13.3	YES	1127
12 / 06:46	0.99	474	469.3	6.6	6.18	18.1	YES	847
13 / 14:31	0.84	442	371.3	7.4	8.39	37.1	YES	951
14 / 04:42	0.82	438	359.2	6.9	8.16	35.2	YES	1029
15 / 18:39	0.77	440	338.8	7.7	8.65	39.6	YES	1557
16 / 15:06	0.77	711	547.5	8.0	7.84	28.9	YES	997
17 / 05:31	0.79	713	563.3	8.6	7.83	27.7	YES	879
18 / 10:29	0.77	409	314.9	9.3	7.53	23.7	YES	1192
19 / 10:18	0.87	462	401.9	9.9	7.22	20.7	YES	924
20 / 13:19	0.82	458	375.6	9.6	6.84	18.4	YES	1009
21 / 09:59	0.83	453	376.0	9.7	6.00	13.8	YES	957
22 / 04:51	0.75	437	327.8	9.8	5.63	12.0	YES	866
23 / 23:06	0.73	449	327.8	9.7	6.17	14.4	YES	1094
24 / 20:27	0.64	484	309.8	10.2	5.98	13.0	YES	957
25 / 07:26	0.65	463	301.0	10.1	8.47	31.0	YES	716
26 / 06:48	0.6	486	291.6	9.8	6.36	15.0	YES	938
27 / 04:34	0.59	490	289.1	9.9	8.10	27.3	YES	1094
28 / 18:35	0.72	489	352.1	9.7	7.86	25.8	YES	924
29 / 07:16	0.85	410	348.5	10.0	8.44	31.6	YES	2065
30 / 17:51	0.81	400	324.0	9.6	5.38	11.3	YES	873
31 / 7:53	0.82	529	433.8	9.2	5.52	12.1	YES	1654

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 Dec 24

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.385		5.1		0.337	24.3
2	0.793		7.4		0.488	61.6
3	1.670		8.9		0.587	35.2
4	1.182		4.1		0.271	22.9
5	1.513		8.9		0.587	38.8
6	1.436		6.5		0.429	29.9
7	1.348		6.8		0.449	33.3
8	1.160		7.0		0.462	39.8
9	1.179		6.1		0.403	34.1
10	1.905		9.9		0.653	34.3
11	1.396		7.4		0.488	35.0
12	1.841		18.0		1.188	64.5
13	1.781		5.1		0.337	18.9
14	1.450		7.3		0.482	33.2
15	1.353		6.8		0.449	33.2
16	1.035		4.5		0.297	28.7
17	1.346		6.4		0.422	31.4
18	1.606		7.2		0.475	29.6
19	1.592		8.5		0.561	35.2
20	1.484		6.5		0.429	28.9
21	1.484		7.0		0.462	31.1
22	1.244		6.9		0.455	36.6
23	1.337		4.2		0.277	20.7
24	1.875		6.2		0.409	21.8
25	2.090		9.1		0.601	28.7
26	2.248		4.1		0.271	12.0
27	2.042		5.7		0.376	18.4
28	2.138		7.0		0.462	21.6
29	2.339		10.9		0.719	30.8
30	2.025		7.4		0.488	24.1
31	1.542		6.7		0.442	28.7
Total	48.819		223.6		14.758	30.2
Average	1.575		7.2		0.476	31.2

