

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**
 Month/Year: **Jul-23**

Conventional or Direct Filtration

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	OFF	0.03	0.03	0.03	0.03	0.06
2	OFF	OFF	0.03	0.03	0.04	0.04	0.06
3	OFF	0.04	0.04	0.05	0.04	OFF	0.21
4	0.03	OFF	0.04	0.04	OFF	0.04	0.09
5	OFF	0.05	0.04	0.04	0.04	0.04	0.05
6	0.05	OFF	0.05	0.06	0.06	0.05	0.06
7	0.05	0.04	0.04	0.08	0.05	0.06	0.25
8	0.10	OFF	0.07	0.04	0.04	OFF	0.10
9	0.05	0.03	0.04	0.04	0.04	OFF	0.05
10	0.04	OFF	0.04	0.03	0.03	OFF	0.09
11	0.03	0.03	0.04	0.04	0.06	0.04	0.06
12	OFF	0.04	0.04	0.04	0.04	0.04	0.07
13	0.04	OFF	0.04	0.04	0.04	0.04	0.05
14	0.04	OFF	0.04	0.04	0.04	0.04	0.05
15	OFF	0.04	0.04	0.04	0.04	0.04	0.06
16	OFF	0.04	0.04	0.04	0.04	OFF	0.05
17	0.04	0.04	0.05	0.04	OFF	0.04	0.07
18	0.04	OFF	0.05	0.04	0.05	0.04	0.06
19	0.04	0.04	0.04	0.04	0.04	0.05	0.08
20	OFF	0.04	0.04	0.05	0.03	0.03	0.08
21	OFF	0.04	0.03	0.04	0.04	0.03	0.06
22	OFF	0.02	0.02	0.02	0.02	0.02	0.03
23	OFF	0.02	0.02	0.02	0.02	0.02	0.04
24	OFF	OFF	0.02	0.02	0.02	0.02	0.06
25	0.02	OFF	0.02	0.02	OFF	0.02	0.03
26	0.05	OFF	0.04	0.02	0.03	0.10	0.16
27	OFF	0.04	0.07	0.02	0.02	0.03	0.30
28	0.12	0.07	0.07	0.02	0.02	0.03	0.22
29	0.11	OFF	0.04	0.02	0.02	0.05	0.17
30	0.11	OFF	0.10	0.02	0.02	0.06	0.17
31	0.15	OFF	0.18	OFF	0.03	0.08	0.27

Conventional or Direct Filtration		Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All 4-hour turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<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: 

PHONE #: **(503) 873-5437**

DATE: **8/01/23**

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

System Name: SILVERTON, CITY OF						ID#: 41	00823	Month/Year: Jul-23	WTP - : A	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 / 00:26	0.61	267	162.9	16.0	7.52	14.8	YES	1621
02 / 13:14	0.61	262	159.8	17.0	7.43	13.4	YES	1192
03 / 19:59	0.58	268	155.4	17.5	7.37	12.6	YES	1316
04 / 21:29	0.58	314	182.1	18.0	7.46	12.6	YES	1172
05 / 06:14	0.77	384	295.7	18.2	7.61	13.4	YES	1680
06 / 13:01	0.76	411	312.4	18.0	7.62	13.6	YES	3270
07 / 04:43	0.71	361	256.3	19.0	7.77	13.4	YES	1270
08 / 02:09	0.67	385	258.0	18.0	7.40	12.4	YES	1146
09 / 06:51	0.65	356	231.4	18.0	7.05	10.9	YES	1185
10 / 21:51	0.64	374	239.4	18.0	6.99	10.6	YES	1413
11 / 14:11	0.66	351	231.7	17.5	7.14	11.7	YES	1372
12 / 14:42	0.52	361	187.7	18.0	7.23	11.5	YES	1426
13 / 11:21	0.49	360	176.4	19.0	7.20	10.6	YES	1426
14 / 13:51	0.49	371	181.8	19.0	7.13	10.3	YES	1263
15 / 05:38	0.5	369	184.5	19.0	7.54	12.0	YES	1322
16 / 14:20	0.48	368	176.6	18.5	7.39	11.7	YES	1231
17 / 05:58	0.48	369	177.1	20.0	7.52	11.1	YES	1589
18 / 12:51	0.46	357	164.2	19.0	8.06	14.5	YES	1465
19 / 13:01	0.45	364	163.8	19.0	7.40	11.3	YES	1296
20 / 12:11	0.46	377	173.4	19.5	7.64	12.0	YES	1264
21 / 07:18	0.69	340	234.6	19.5	7.64	12.3	YES	1517
22 / 08:46	0.86	361	310.5	19.2	7.46	12.0	YES	1387
23 / 05:06	0.92	344	316.5	20.0	7.56	11.9	YES	1218
24 / 13:50	0.78	343	267.5	20.0	7.50	11.4	YES	1341
25 / 21:06	0.85	350	297.5	18.0	7.42	12.8	YES	1452
26 / 03:04	0.83	342	283.9	18.2	7.45	12.7	YES	1589
27 / 11:28	0.73	351	256.2	19.0	7.49	12.1	YES	2332
28 / 23:03	0.65	348	226.2	18.2	7.57	13.1	YES	1478
29 / 16:53	0.63	353	222.4	18.5	7.69	13.3	YES	1374
30 / 22:18	0.59	350	206.5	18.0	7.59	13.2	YES	1374
31 / 05:20	0.66	343	226.4	20.0	7.82	12.7	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 July 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	2.030		12.7		0.838	41.3
2	2.115		12.4		0.818	38.7
3	2.417		13.9		0.917	38.0
4	2.093		13.1		0.865	41.3
5	2.112		14.2		0.937	44.4
6	2.314		13.3		0.878	37.9
7	2.140		12.2		0.805	37.6
8	2.234		11.9		0.785	35.2
9	2.079		12.4		0.818	39.4
10	2.247		11.6		0.766	34.1
11	1.818		12.9		0.851	46.8
12	2.242		12.0		0.792	35.3
13	2.378		12.3		0.812	34.1
14	2.193		12.4		0.818	37.3
15	2.075		12.7		0.838	40.4
16	2.315		14.2		0.937	40.5
17	1.928		11.3		0.746	38.7
18	2.060		12.5		0.825	40.0
19	2.210		12.6		0.832	37.6
20	2.109		12.6		0.832	39.4
21	2.312		12.5		0.825	35.7
22	2.093		12.2		0.805	38.5
23	2.207		12.6		0.832	37.7
24	2.198		12.7		0.838	38.1
25	1.987		10.9		0.719	36.2
26	2.235		13.4		0.884	39.6
27	2.327		12.0		0.792	34.0
28	2.341		13.4		0.884	37.8
29	2.217		12.4		0.818	36.9
30	2.190		13.1		0.865	39.5
31	2.610		12.2		0.805	30.9
Total	67.826		390.6		25.780	38.0
Average	2.188		12.6		0.832	38.2

