

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration


Month/Year: **Jul-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 <sup>1</sup> [NTU]
1	0.06	OFF	0.04	0.05	0.06	0.07	0.11
2	0.09	0.07	0.04	0.04	0.06	0.03	0.12
3	0.03	0.03	0.03	0.03	0.03	0.03	0.04
4	OFF	0.03	0.03	0.03	0.03	0.03	0.07
5	OFF	0.03	0.03	0.03	0.03	0.03	0.06
6	0.03	0.03	0.03	0.03	0.03	0.03	0.06
7	0.05	0.04	0.04	0.03	0.03	0.05	0.17
8	0.14	0.04	0.03	OFF	0.07	OFF	0.14
9	0.06	0.05	0.05	0.05	0.05	0.05	0.10
10	0.05	OFF	0.06	0.08	OFF	0.05	0.13
11	OFF	0.07	0.05	0.06	0.11	0.05	0.17
12	0.05	OFF	0.05	0.05	OFF	0.05	0.10
13	OFF	0.06	0.05	0.05	OFF	0.06	0.09
14	OFF	0.06	0.06	OFF	0.06	0.06	0.09
15	0.06	OFF	0.06	0.06	0.08	OFF	0.08
16	0.06	OFF	0.05	0.05	0.12	0.06	0.12
17	OFF	0.05	0.05	0.06	OFF	0.05	0.08
18	OFF	0.05	0.06	0.06	0.08	0.05	0.30
19	OFF	0.05	0.08	0.08	OFF	0.09	0.12
20	OFF	0.08	0.05	0.05	0.08	OFF	0.10
21	0.07	OFF	0.06	0.06	OFF	0.06	0.09
22	0.06	OFF	0.08	0.07	0.06	0.05	0.23
23	OFF	OFF	0.06	0.05	0.05	0.06	0.07
24	0.05	0.05	0.06	0.05	OFF	0.05	0.27
25	OFF	0.05	0.06	0.05	OFF	0.05	0.08
26	OFF	0.05	0.06	0.12	OFF	0.05	0.12
27	OFF	0.05	0.06	0.05	OFF	0.05	0.07
28	OFF	0.05	0.06	OFF	0.05	OFF	0.08
29	0.05	OFF	0.05	0.05	OFF	0.05	0.28
30	OFF	0.05	0.06	OFF	0.06	OFF	0.09
31	0.06	OFF	0.06	0.06	OFF	0.06	0.07

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) <input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No
All 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No		
All turbidity readings < IFE <sup>2</sup> triggers <input checked="" type="radio"/> Yes / <input type="radio"/> No		

Notes:

PRINTED NAME: Guy Davis

SIGNATURE:  DATE: 08/01/24

PHONE #: ( 503 ) 873-5437 CERT #: 7126

<sup>1</sup> 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. <sup>2</sup> IFE = Individ. Filter Effic. (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-24		WTP -: A	
												Disinfection <i>Giardia</i> Log Inactiv: 0.5	

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
01 / 11:13	0.45	435	195.8	20.0	7.27	10.1	YES	1374
02 / 13:46	0.51	363	185.1	18.0	7.43	12.4	YES	1029
03 / 14:53	0.47	351	165.0	17.0	7.40	13.0	YES	1726
04 / 00:21	0.73	347	253.3	17.0	7.41	13.5	YES	1049
05 / 14:18	0.5	372	186.0	17.5	7.36	12.4	YES	1445
06 / 15:29	0.5	350	175.0	18.0	8.45	18.0	YES	1830
07 / 19:47	0.48	353	169.4	18.2	7.17	11.0	YES	1192
08 / 19:50	0.48	293	140.6	19.0	6.88	9.4	YES	1537
09 / 11:13	0.52	292	151.8	20.5	7.02	9.0	YES	1498
10 / 04:26	0.67	298	199.7	20.0	8.15	14.4	YES	1563
11 / 06:03	0.62	293	181.7	20.0	8.34	15.4	YES	1635
12 / 11:39	0.62	311	192.8	20.0	7.92	13.1	YES	1328
13 / 04:02	0.61	307	187.3	19.0	7.71	13.0	YES	1159
14 / 04:22	0.57	299	170.4	19.0	7.62	12.5	YES	1361
15 / 05:40	0.57	308	175.6	20.4	7.41	10.5	YES	1264
16 / 12:19	0.54	301	162.5	20.1	7.23	10.0	YES	1492
17 / 08:12	0.58	290	168.2	19.8	8.10	14.2	YES	2013
18 / 12:12	0.6	294	176.4	19.6	8.02	14.0	YES	1667
19 / 04:57	0.65	291	189.2	19.5	7.64	12.3	YES	1126
20 / 23:59	0.66	296	195.4	19.4	8.39	16.4	YES	1348
21 / 10:34	0.62	300	186.0	19.8	8.31	15.4	YES	1133
22 / 04:07	0.64	297	190.1	19.9	7.30	10.5	YES	1368
23 / 04:16	0.64	303	193.9	18.9	7.58	12.5	YES	1374
24 / 09:35	0.66	308	203.3	18.8	7.39	11.7	YES	1192
25 / 09:00	0.69	300	207.0	18.4	7.74	13.8	YES	1700
26 / 11:24	0.71	299	212.3	18.6	7.30	11.6	YES	1583
27 / 18:45	0.7	301	210.7	18.4	7.18	11.2	YES	1068
28 / 15:39	0.69	303	209.1	17.6	7.05	11.2	YES	1068
29 / 13:21	0.7	295	206.5	17.7	7.44	12.9	YES	1101
30 / 03:53	0.66	293	193.4	17.9	7.41	12.6	YES	1596
31 / 12:45	0.51	305	155.6	18.5	7.28	11.3	YES	1120

<sup>3</sup> If Cl<sub>2</sub> 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 24

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	2.206		13.4		0.884	40.1
2	2.647		12.9		0.851	32.2
3	2.382		13.0		0.858	36.0
4	2.480		13.9		0.917	37.0
5	2.466		14.8		0.977	39.6
6	2.413		16.0		1.056	43.8
7	2.691		15.9		1.049	39.0
8	2.065		15.6		1.030	49.9
9	2.340		13.9		0.917	39.2
10	2.394		14.5		0.957	40.0
11	2.387		13.2		0.871	36.5
12	2.213		13.9		0.917	41.5
13	2.332		13.7		0.904	38.8
14	2.031		14.0		0.924	45.5
15	2.198		14.6		0.964	43.8
16	2.297		14.2		0.937	40.8
17	2.260		13.8		0.911	40.3
18	2.381		14.1		0.931	39.1
19	2.300		14.4		0.950	41.3
20	2.069		14.8		0.977	47.2
21	2.003		12.8		0.845	42.2
22	2.141		13.8		0.911	42.5
23	2.076		13.3		0.878	42.3
24	2.170		14.4		0.950	43.8
25	2.210		14.2		0.937	42.4
26	2.287		13.5		0.891	39.0
27	1.982		13.9		0.917	46.3
28	2.129		13.7		0.904	42.5
29	2.141		13.1		0.865	40.4
30	1.964		13.3		0.878	44.7
31	2.204		14.0		0.924	41.9
Total	69.859		434.6		28.684	41.1
Average	2.254		14.0		0.925	41.3

