

OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Aug-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	0.05	0.04	0.04	0.05	OFF	0.04	0.07
2	0.04	0.04	0.04	0.05	0.10	0.04	0.14
3	OFF	0.05	0.04	0.04	0.04	OFF	0.07
4	0.04	OFF	0.04	0.06	0.04	0.05	0.16
5	OFF	0.06	0.05	0.05	0.04	0.05	0.06
6	OFF	0.05	0.09	0.04	0.04	0.04	0.10
7	0.04	OFF	0.05	0.05	0.05	OFF	0.15
8	0.05	0.05	0.05	0.05	OFF	0.05	0.06
9	0.05	OFF	0.05	0.05	0.05	0.04	0.05
10	OFF	0.05	0.05	0.06	0.05	0.05	0.07
11	OFF	0.05	0.05	0.05	OFF	0.05	0.07
12	OFF	0.05	0.05	OFF	0.05	OFF	0.06
13	0.05	OFF	0.05	0.06	0.05	0.05	0.06
14	0.05	OFF	0.06	0.11	0.07	0.05	0.11
15	0.06	0.07	0.07	0.06	0.05	0.05	0.08
16	OFF	0.09	0.16	0.09	0.04	0.04	0.25
17	0.04	OFF	0.05	0.04	0.04	0.04	0.05
18	0.04	0.04	0.04	0.05	0.04	OFF	0.06
19	0.04	OFF	0.04	0.04	0.04	OFF	0.05
20	0.04	OFF	0.04	0.04	0.04	OFF	0.06
21	0.04	OFF	0.04	0.04	0.04	0.04	0.05
22	0.04	OFF	0.05	0.04	OFF	0.04	0.06
23	OFF	0.04	0.04	0.04	0.04	0.04	0.15
24	0.04	0.04	0.04	0.03	0.03	0.03	0.11
25	0.03	0.03	0.03	0.03	0.03	0.03	0.05
26	0.03	OFF	0.03	0.03	OFF	0.03	0.05
27	0.03	OFF	0.03	0.03	OFF	0.03	0.04
28	OFF	0.03	0.03	0.03	0.03	OFF	0.09
29	0.03	0.03	0.03	0.03	OFF	0.03	0.03
30	0.03	OFF	0.03	0.03	OFF	0.03	0.08
31	OFF	0.03	0.03	0.03	0.03	OFF	0.05

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: **09/05/23**

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 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: Aug-23		WTP - : A	
												Disinfection <i>Giardia</i> Log Inactiv: 0.5	

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? ³ Yes / No	Peak Hourly Demand Flow [GPM]
01 / 11:51	0.56	360	201.6	19.0	7.66	12.7	YES	2599
02 / 07:00	0.6	346	207.6	18.5	7.62	13.0	YES	1771
03 / 14:24	0.57	342	194.9	19.0	7.55	12.2	YES	1218
04 / 12:15	0.51	354	180.5	19.5	8.19	14.8	YES	1348
05 / 10:25	0.55	362	199.1	18.5	7.53	12.5	YES	1088
06 / 12:38	0.7	352	246.4	18.2	7.45	12.6	YES	1387
07 / 09:52	0.55	350	192.5	19.0	7.31	11.1	YES	1557
08 / 10:08	0.56	348	194.9	19.5	7.27	10.6	YES	1609
09 / 13:01	0.71	368	261.3	20.0	7.27	10.4	YES	1465
10 / 00:19	0.57	387	220.6	19.8	7.20	10.1	YES	1608
11 / 05:40	0.65	356	231.4	21.0	7.21	9.4	YES	1524
12 / 00:41	0.65	361	234.7	19.5	7.29	10.8	YES	1250
13 / 02:19	0.66	352	232.3	19.0	7.98	14.4	YES	1400
14 / 13:34	0.55	336	184.8	20.0	7.44	10.9	YES	1687
15 / 11:12	0.59	337	198.8	20.5	8.32	14.7	YES	1381
16 / 19:40	0.4	354	141.6	21.2	7.56	10.3	YES	1596
17 / 22:20	0.24	338	81.1	21.0	7.48	10.0	YES	3367
18 / 09:23	0.5	349	174.5	21.0	7.43	10.1	YES	2370
19 / 10:37	0.51	359	183.1	20.0	7.30	10.3	YES	1283
20 / 11:15	0.56	358	200.5	19.2	7.33	11.0	YES	1264
21 / 05:04	0.75	351	263.3	18.0	7.54	13.2	YES	1478
22 / 05:05	0.72	340	244.8	18.0	7.27	11.9	YES	1869
23 / 17:54	0.71	346	245.7	18.0	7.27	11.9	YES	1622
24 / 08:44	0.56	342	191.5	18.0	7.33	12.0	YES	1413
25 / 12:32	0.53	350	185.5	18.0	7.66	13.5	YES	1309
26 / 21:03	0.6	356	213.6	18.0	7.40	12.3	YES	1419
27 / 16:06	0.57	340	193.8	18.0	7.47	12.6	YES	1146
28 / 01:11	0.61	358	218.4	18.7	7.09	10.5	YES	1322
29 / 16:15	0.51	343	174.9	18.0	7.01	10.6	YES	1303
30 / 15:19	0.51	355	181.1	18.0	7.04	10.7	YES	1062
31 / 04:21	0.5	335	167.5	18.0	7.19	11.3	YES	1055

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 Aug 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.992		12.2		0.805	40.4
2	2.196		12.9		0.851	38.8
3	2.143		12.5		0.825	38.5
4	2.061		12.1		0.799	38.7
5	2.071		11.4		0.752	36.3
6	2.012		13.3		0.878	43.6
7	2.460		11.8		0.779	31.7
8	1.934		11.7		0.772	39.9
9	2.122		12.8		0.845	39.8
10	2.000		11.7		0.772	38.6
11	2.294		13.6		0.898	39.1
12	2.077		11.6		0.766	36.9
13	2.206		14.3		0.944	42.8
14	2.482		14.6		0.964	38.8
15	2.211		12.3		0.812	36.7
16	2.342		13.6		0.898	38.3
17	2.419		13.0		0.858	35.5
18	2.211		11.4		0.752	34.0
19	2.118		11.5		0.759	35.8
20	2.172		12.1		0.799	36.8
21	2.203		13.1		0.865	39.2
22	2.033		10.6		0.700	34.4
23	2.096		12.5		0.825	39.4
24	2.326		12.1		0.799	34.3
25	2.075		11.5		0.759	36.6
26	1.936		13.2		0.871	45.0
27	2.049		11.4		0.752	36.7
28	1.982		11.1		0.733	37.0
29	1.612		9.9		0.653	40.5
30	1.694		9.4		0.620	36.6
31	1.626		9.0		0.594	36.5
Total	65.155		374.2		24.697	37.9
Average	2.102		12.1		0.797	38.0

