

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**
 Month/Year: **Aug-21**

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	0.04	OFF	0.03	0.03	0.03	0.03	0.05
2	0.03	OFF	0.04	0.04	0.03	0.04	0.08
3	OFF	0.08	0.05	0.04	0.04	0.04	0.08
4	OFF	0.07	0.05	0.05	0.04	0.04	0.07
5	OFF	0.05	0.04	0.04	0.04	0.03	0.06
6	OFF	OFF	0.06	0.06	0.05	0.04	0.07
7	OFF	OFF	0.06	0.05	0.04	0.04	0.06
8	OFF	OFF	0.04	0.04	OFF	0.03	0.05
9	OFF	OFF	0.03	0.04	0.03	0.03	0.05
10	OFF	0.05	0.03	OFF	0.03	OFF	0.04
11	OFF	OFF	0.03	0.03	0.03	0.03	0.05
12	OFF	0.05	0.03	0.03	OFF	0.03	0.05
13	OFF	0.05	0.04	0.03	OFF	0.03	0.05
14	OFF	0.04	0.04	OFF	0.04	0.03	0.05
15	OFF	0.04	0.04	0.04	OFF	0.04	0.06
16	OFF	OFF	0.04	0.04	OFF	0.03	0.07
17	OFF	0.05	0.03	0.03	0.04	0.03	0.07
18	OFF	0.07	0.04	OFF	0.03	OFF	0.07
19	OFF	0.03	0.04	0.04	OFF	0.03	0.07
20	OFF	0.03	0.03	0.03	OFF	0.03	0.09
21	OFF	0.03	0.03	OFF	OFF	0.03	0.20
22	OFF	0.03	0.04	OFF	0.03	OFF	0.05
23	OFF	0.05	0.03	0.04	OFF	0.03	0.11
24	OFF	OFF	0.03	0.07	0.08	0.04	0.08
25	OFF	0.04	0.04	0.05	0.05	0.05	0.07
26	0.05	0.04	0.04	0.05	OFF	0.04	0.06
27	0.04	OFF	0.03	0.04	0.04	0.05	0.18
28	OFF	0.10	0.05	0.07	0.05	0.04	0.09
29	0.04	0.04	0.06	0.08	0.05	0.05	0.08
30	0.05	0.04	0.05	0.33	0.04	0.04	0.33
31	0.02	0.03	0.03	0.04	0.04	0.03	0.19

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU? Yes / No	CT's met everyday? (see back) Yes / No	All Cl2 residual at entry point ≥ 0.2 mg/l? Yes / No
All 4-hour turbidity readings ≤ 1 NTU? Yes / No		
All turbidity readings < IFE ² triggers Yes / No		

Notes: 0.33 occurred during backwash of plant 2 filters	PRINTED NAME: Guy Davis	
	SIGNATURE:	DATE: 09/03/21
	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:	Aug-21	Disinfection <i>Giardia</i> Log Inactiv:	1
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0.04

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]
1 / 19:33	0.63	317	199.7	20.0	7.53	22.7	YES	1231
2 / 2:47	0.6	313	187.8	20.0	7.51	22.5	YES	1557
3 / 12:47	0.58	309	179.2	20.5	7.50	21.6	YES	1524
4 / 3:57	0.42	322	135.2	21.0	7.68	21.9	YES	1387
5 / 3:42	0.41	314	128.7	21.0	7.37	19.5	YES	1251
6 / 3:58	0.43	317	136.3	20.5	7.48	21.1	YES	1185
7 / 3:43	0.44	317	139.5	20.0	7.69	23.6	YES	1146
8 / 11:05	0.43	313	134.6	20.0	7.42	21.3	YES	1283
9 / 11:50	0.4	315	126.0	19.8	7.47	21.9	YES	1218
10 / 9:02	0.49	329	161.2	19.5	7.31	21.3	YES	1251
11 / 9:01	0.46	325	149.5	20.0	7.26	20.2	YES	1316
12 / 11:32	0.46	330	151.8	20.5	7.36	20.2	YES	1303
13 / 11:15	0.43	322	138.5	21.5	7.13	17.3	YES	1374
14 / 12:00	0.45	325	146.3	22.0	7.29	17.8	YES	1094
15 / 4:02	0.41	326	133.7	22.0	7.40	18.4	YES	1185
16 / 3:59	0.41	319	130.8	21.0	7.42	19.9	YES	1472
17 / 9:47	0.42	318	133.6	21.0	7.43	20.0	YES	1511
18 / 4:03	0.45	320	144.0	19.5	7.34	21.5	YES	1355
19 / 9:02	0.48	326	156.5	19.0	7.38	22.6	YES	1921
20 / 3:57	0.4	311	124.4	19.0	7.37	22.3	YES	1191
21 / 10:39	0.35	320	112.0	19.0	7.37	22.2	YES	1003
22 / 3:03	0.36	315	113.4	19.0	7.29	21.6	YES	1251
23 / 6:30	0.43	315	135.5	18.0	7.40	24.2	YES	1251
24 / 4:01	0.38	314	119.3	17.0	7.28	24.6	YES	1055
25 / 4:18	0.39	408	159.1	18.0	7.52	25.2	YES	1211
26 / 10:16	0.45	414	186.3	19.0	7.29	21.8	YES	1211
27 / 23:40	0.38	395	150.1	19.5	7.15	19.8	YES	1309
28 / 7:17	0.2	474	94.8	18.0	7.20	21.9	YES	1159
29 / 6:55	0.58	494	286.5	18.0	6.94	20.7	YES	1557
30 / 12:02	0.46	493	226.8	18.2	7.52	25.1	YES	1394
31 / 12:18	0.71	523	371.3	18.0	7.65	27.4	YES	1120

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 21

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	3.023		16.5		2.078	68.7
2	3.068		19.0		2.429	79.2
3	2.900		12.7		2.260	77.9
4	3.018		17.9		2.201	72.9
5	3.069		15.6		1.940	63.2
6	3.029		16.9		2.133	70.4
7	3.030		16.3		2.058	67.9
8	2.936		14.7		1.798	61.2
9	2.958		16.4		2.021	68.3
10	2.921		15.9		1.935	66.2
11	2.954		18.3		2.252	76.2
12	2.912		16.5		2.002	68.8
13	2.983		16.6		2.063	69.2
14	2.951		15.9		1.955	66.2
15	2.941		16.1		1.973	67.1
16	3.009		17.7		2.219	73.7
17	2.984		16.0		1.989	66.7
18	2.996		15.7		1.959	65.4
19	2.944		16.1		1.975	67.1
20	2.919		16.8		2.043	70.0
21	3.002		15.2		1.901	63.3
22	3.048		14.9		1.892	62.1
23	2.950		16.5		2.028	68.7
24	2.948		17.6		2.306	78.2
25	2.352		21.5		2.107	89.6
26	2.465		17.9		1.838	74.6
27	2.432		17.9		1.814	74.6
28	2.025		22.6		1.907	94.2
29	1.945		23.5		1.904	97.9
30	1.790		17.6		1.313	73.4
31	1.834		20.0		1.528	83.3
Total	86.336		532.8		61.821	71.6
Average	2.785		17.2		1.994	72.5

