

OHA - Drinking Water Services -Turbidity Monitoring Report Form


County: **MARION**

Conventional or Direct Filtration

Month/Year: **Jul-22**

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	0.04	0.03	0.04	OFF	0.07
2	0.03	OFF	0.04	0.03	0.03	OFF	0.11
3	0.03	OFF	0.03	0.03	0.03	OFF	0.05
4	0.03	OFF	0.04	0.04	0.03	OFF	0.14
5	0.04	OFF	0.03	OFF	0.03	OFF	0.06
6	0.04	OFF	0.05	OFF	OFF	0.03	0.13
7	OFF	OFF	0.03	OFF	0.03	0.03	0.04
8	OFF	OFF	0.04	0.03	OFF	0.03	0.07
9	0.03	OFF	0.03	0.03	0.03	OFF	0.05
10	0.04	OFF	0.05	0.03	0.03	0.03	0.10
11	OFF	0.03	0.06	0.04	0.04	0.07	0.23
12	0.23	OFF	0.06	0.03	0.03	0.04	0.29
13	OFF	OFF	0.11	0.04	0.03	OFF	0.24
14	0.04	OFF	0.03	OFF	0.03	0.02	0.20
15	0.02	OFF	0.02	0.03	0.02	OFF	0.07
16	0.02	OFF	0.02	0.02	0.02	OFF	0.03
17	0.02	OFF	0.02	0.02	0.02	OFF	0.08
18	0.02	0.03	0.02	0.03	0.03	0.03	0.05
19	0.03	OFF	0.03	0.03	0.03	0.03	0.07
20	0.03	OFF	0.03	0.03	0.03	0.03	0.07
21	0.04	OFF	0.03	0.03	0.03	0.04	0.11
22	0.04	0.04	0.05	0.03	0.03	0.02	0.10
23	OFF	0.02	0.03	0.03	0.04	0.03	0.05
24	OFF	0.03	0.03	0.03	0.04	OFF	0.13
25	0.04	OFF	0.03	0.04	OFF	0.12	0.15
26	0.05	0.05	0.04	0.03	OFF	0.03	0.15
27	0.03	OFF	0.03	0.04	0.03	0.03	0.28
28	OFF	OFF	0.03	0.03	OFF	0.03	0.04
29	OFF	0.03	0.03	0.03	0.03	0.03	0.11
30	OFF	0.03	0.03	OFF	0.03	OFF	0.03
31	0.03	OFF	0.03	0.03	OFF	0.03	0.03

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: 	DATE: 08/02/22
	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 Eff. (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-22		WTP - : A	
												Disinfection <i>Giardia</i> Log Inactiv: 0.5	

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 / 13:42	0.69	355	245.0	15.0	7.14	13.8	YES	1583
02 / 04:47	0.68	360	244.8	15.0	7.85	18.0	YES	879
03 / 22:09	0.68	356	242.1	14.5	7.23	14.8	YES	860
04 / 05:14	0.68	358	243.4	15.0	8.15	20.1	YES	834
05 / 14:20	0.68	361	245.5	15.0	7.90	18.3	YES	1042
06 / 04:24	0.73	357	260.6	15.0	7.45	15.6	YES	1277
07 / 18:49	0.67	354	237.2	15.0	7.29	14.6	YES	983
08 / 10:35	0.67	359	240.5	15.0	7.26	14.4	YES	1088
09 / 09:31	0.66	359	236.9	16.0	7.43	14.4	YES	1042
10 / 02:43	0.66	357	235.6	16.0	7.56	15.1	YES	1127
11 / 21:03	0.63	359	226.2	16.2	7.56	14.8	YES	1368
12 / 04:35	0.62	336	208.3	17.0	7.65	14.5	YES	1185
13 / 14:17	0.61	359	219.0	17.0	7.50	13.7	YES	1576
14 / 04:37	0.61	355	216.6	17.0	7.75	15.1	YES	1759
15 / 04:36	0.6	352	211.2	17.0	7.67	14.6	YES	1237
16 / 05:19	0.6	348	208.8	17.0	7.79	15.3	YES	1003
17 / 04:51	0.61	372	226.9	17.0	7.75	15.1	YES	957
18 / 03:39	0.63	345	217.4	16.0	8.21	19.1	YES	1270
19 / 19:46	0.63	351	221.1	17.0	7.52	13.9	YES	1804
20 / 21:07	0.62	359	222.6	17.0	7.40	13.2	YES	2833
21 / 20:49	0.6	505	303.0	18.0	7.44	12.5	YES	1439
22 / 02:30	0.6	308	184.8	18.0	7.53	13.0	YES	1263
23 / 11:55	0.62	308	191.0	18.0	7.49	12.8	YES	1133
24 / 20:56	0.64	308	197.1	18.0	7.51	12.9	YES	2130
25 / 19:33	0.66	296	195.4	17.5	7.14	11.7	YES	1505
26 / 15:54	0.62	289	179.2	18.0	7.18	11.4	YES	1648
27 / 03:35	0.58	285	165.3	18.5	7.18	11.0	YES	1811
28 / 02:26	0.54	290	156.6	19.0	7.41	11.5	YES	1231
29 / 02:38	0.53	295	156.4	20.0	7.29	10.3	YES	1179
30 / 04:34	0.52	288	149.8	20.0	7.34	10.5	YES	2280
31 / 16:15	0.52	288	149.8	20.0	7.39	10.7	YES	1172

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 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.737		9.5		0.627	36.1
2	1.615		9.4		0.620	38.4
3	1.630		8.8		0.581	35.6
4	1.734		10.0		0.660	38.1
5	1.430		8.6		0.568	39.7
6	1.427		7.7		0.508	35.6
7	1.514		7.3		0.482	31.8
8	1.729		9.7		0.640	37.0
9	1.694		9.6		0.634	37.4
10	1.964		10.0		0.660	33.6
11	1.799		11.0		0.726	40.4
12	2.106		8.4		0.554	26.3
13	2.085		10.3		0.680	32.6
14	2.040		10.6		0.700	34.3
15	2.115		9.0		0.594	28.1
16	1.740		9.9		0.653	37.6
17	2.010		10.8		0.713	35.5
18	2.158		11.2		0.739	34.3
19	2.234		10.8		0.713	31.9
20	2.153		11.5		0.759	35.3
21	1.900		11.3		0.746	39.3
22	2.635		12.9		0.851	32.3
23	2.216		10.2		0.673	30.4
24	2.372		11.1		0.733	30.9
25	2.813		11.9		0.785	27.9
26	2.047		11.5		0.759	37.1
27	2.542		12.7		0.838	33.0
28	2.252		12.2		0.805	35.8
29	2.336		12.1		0.799	34.2
30	1.957		10.8		0.713	36.4
31	2.082		11.9		0.785	37.7
Total	62.066		322.7		21.298	34.3
Average	2.002		10.4		0.687	34.7

