

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Jun-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	OFF	OFF	0.02	0.02	0.02	0.02	0.04
2	OFF	OFF	0.03	0.03	OFF	0.03	0.06
3	OFF	OFF	0.03	OFF	0.04	OFF	0.08
4	OFF	OFF	0.04	0.04	OFF	OFF	0.06
5	OFF	OFF	0.03	0.04	0.08	OFF	0.08
6	OFF	OFF	0.04	0.07	0.05	OFF	0.13
7	OFF	0.03	OFF	0.02	0.02	OFF	0.03
8	0.02	0.03	OFF	0.02	OFF	0.02	0.04
9	0.02	OFF	OFF	0.02	OFF	0.02	0.04
10	0.02	OFF	0.02	0.02	OFF	0.03	0.04
11	OFF	OFF	OFF	0.04	OFF	0.05	0.08
12	OFF	OFF	OFF	0.03	OFF	OFF	0.07
13	0.03	OFF	OFF	0.03	OFF	OFF	0.04
14	0.02	OFF	OFF	0.02	OFF	OFF	0.03
15	0.03	OFF	OFF	0.03	OFF	0.02	0.04
16	0.02	0.02	OFF	0.03	OFF	OFF	0.04
17	0.02	OFF	OFF	0.03	0.03	OFF	0.03
18	0.03	OFF	OFF	0.03	OFF	OFF	0.03
19	OFF	OFF	0.03	OFF	OFF	OFF	0.05
20	OFF	OFF	OFF	0.03	0.03	0.04	0.04
21	0.04	OFF	0.04	0.05	OFF	0.03	0.13
22	0.06	OFF	0.04	OFF	0.02	OFF	0.12
23	0.02	OFF	0.02	OFF	0.03	OFF	0.08
24	0.03	OFF	0.02	0.02	OFF	0.03	0.05
25	0.02	OFF	0.03	0.03	0.03	OFF	0.07
26	0.04	OFF	0.03	0.03	OFF	0.02	0.09
27	0.03	OFF	0.02	0.03	OFF	0.04	0.06
28	OFF	0.06	0.03	0.03	OFF	0.03	0.08
29	OFF	0.02	0.03	0.03	OFF	0.03	0.04
30	OFF	0.04	0.03	0.05	0.13	OFF	0.14
31	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX

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 Cl ₂ 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: *Guy Davis* DATE: **07/01/22**

PHONE #: **(503) 873-5433** 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: Jun-22		WTP - : A	
												Disinfection <i>Giardia</i> Log Inactiv: 1	

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 / 05:20	0.61	383	233.6	12.5	7.55	37.7	YES	1179
02 / .03:30	0.61	406	247.7	13.0	7.89	41.4	YES	1068
03 / 15:10	0.61	436	266.0	13.0	7.76	39.4	YES	846
04 / 11:02	0.64	407	260.5	13.0	7.77	39.7	YES	990
05 / 13:56	0.62	430	266.6	13.0	7.68	38.3	YES	730
06 / 21:14	0.58	523	303.3	13.0	7.58	36.8	YES	931
07 / 09:07	0.6	479	287.4	13.5	8.05	42.4	YES	1081
08 / 08:10	0.62	437	270.9	13.5	7.68	37.1	YES	775
9 / 08:03	0.61	457	278.8	13.5	7.63	36.4	YES	795
10 / 06:45	0.63	448	282.2	14.0	7.44	32.9	YES	996
11 / 06:47	0.62	451	279.6	14.0	7.53	33.9	YES	801
12 / 08:03	0.62	418	259.2	13.5	7.58	35.7	YES	658
13 / 19:20	0.6	422	253.2	13.0	7.37	34.1	YES	723
14 / 08:20	0.62	426	264.1	13.0	7.30	33.3	YES	762
15 / 08:48	0.62	433	268.5	12.5	7.47	36.7	YES	1114
16 / 01:05	0.64	396	253.4	13.0	7.60	37.3	YES	1277
17 / 08:27	0.63	389	245.1	13.0	7.27	33.0	YES	756
18 / 03:14	0.6	393	235.8	13.0	7.32	33.5	YES	1185
19 / 21:09	0.6	369	221.4	12.5	7.31	34.5	YES	795
20 / 09:00	0.58	358	207.6	12.5	7.35	34.9	YES	1042
21 / 04:27	0.69	353	243.6	13.0	7.47	35.8	YES	1042
22 / 14:02	0.72	353	254.2	14.0	8.02	41.1	YES	1127
23 / 13:21	0.74	337	249.4	14.0	7.29	31.5	YES	1062
24 / 19:15	0.73	336	245.3	13.5	7.18	31.2	YES	1107
25 / 06:27	0.74	356	263.4	14.0	7.11	29.4	YES	1406
26 / 23:10	0.71	347	246.4	14.0	7.07	28.9	YES	1172
27 / 06:38	0.7	344	240.8	15.0	7.25	28.9	YES	1407
28 / 17:06	0.67	352	235.8	15.0	7.30	29.3	YES	899
29 / 17:17	0.68	357	242.8	15.0	6.84	24.7	YES	1146
30 / 20:45	0.68	351	238.7	15.5	7.10	26.4	YES	1198

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 Jun 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	2.507		6.3		0.416	16.6
2	2.364		6.8		0.449	19.0
3	2.200		5.8		0.383	17.4
4	2.250		4.7		0.310	13.8
5	2.231		6.0		0.396	17.7
6	1.834		4.8		0.317	17.3
7	2.005		5.5		0.363	18.1
8	2.196		4.9		0.323	14.7
9	2.098		5.3		0.350	16.7
10	2.110		5.0		0.330	15.6
11	2.150		5.2		0.343	16.0
12	2.297		5.3		0.350	15.2
13	2.271		5.5		0.363	16.0
14	2.254		6.0		0.396	17.6
15	2.214		5.1		0.337	15.2
16	2.424		5.1		0.337	13.9
17	2.470		5.6		0.370	15.0
18	2.441		2.5		0.165	6.8
19	2.599		2.9		0.191	7.4
20	2.686		2.9		0.191	7.1
21	2.725		7.2		0.475	17.4
22	2.722		7.4		0.488	17.9
23	2.754		7.8		0.515	18.7
24	2.750		8.4		0.554	20.2
25	2.700		8.6		0.568	21.0
26	2.751		10.2		0.673	24.5
27	2.794		9.5		0.627	22.4
28	2.732		9.1		0.601	22.0
29	2.698		8.9		0.587	21.8
30	2.739		9.9		0.653	23.9
Total	72.966		188.2		12.421	17.0
Average	2.432		6.3		0.414	16.9

