

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Mar-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	0.03	0.04	0.04	0.03	0.12
2	OFF	OFF	0.03	0.04	0.05	OFF	0.06
3	OFF	OFF	0.05	0.05	0.05	0.05	0.09
4	OFF	OFF	0.03	0.04	0.05	OFF	0.07
5	OFF	OFF	0.03	0.03	0.04	0.05	0.08
6	OFF	OFF	0.05	0.04	0.04	OFF	0.09
7	OFF	OFF	0.05	0.03	0.03	0.03	0.18
8	OFF	OFF	0.03	0.03	0.03	OFF	0.11
9	OFF	OFF	0.03	0.03	0.03	0.03	0.19
10	OFF	OFF	0.03	0.04	OFF	OFF	0.10
11	OFF	OFF	0.03	0.03	0.08	0.03	0.10
12	OFF	OFF	0.11	0.24	0.04	OFF	0.24
13	OFF	OFF	OFF	0.07	0.06	0.06	0.19
14	OFF	OFF	0.06	0.05	0.06	OFF	0.15
15	OFF	OFF	0.06	0.06	0.05	OFF	0.09
16	OFF	OFF	0.05	0.07	0.08	0.07	0.26
17	OFF	OFF	OFF	0.05	0.05	OFF	0.08
18	OFF	OFF	0.04	0.05	0.05	OFF	0.09
19	OFF	OFF	OFF	0.05	0.05	0.05	0.08
20	OFF	OFF	OFF	0.06	0.06	0.07	0.29
21	OFF	OFF	0.05	0.05	0.04	OFF	0.16
22	OFF	OFF	0.04	0.05	0.05	OFF	0.08
23	OFF	OFF	0.04	0.04	0.03	OFF	0.12
24	OFF	OFF	0.05	0.05	0.04	0.03	0.09
25	OFF	OFF	OFF	0.03	0.03	OFF	0.05
26	OFF	OFF	0.04	0.04	0.04	0.03	0.07
27	OFF	OFF	0.07	OFF	OFF	0.04	0.07
28	OFF	OFF	OFF	0.04	0.03	OFF	0.05
29	OFF	OFF	0.12	0.09	0.07	0.11	0.13
30	OFF	OFF	OFF	0.07	0.07	OFF	0.16
31	OFF	OFF	0.08	0.09	0.09	0.21	0.28

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: 	DATE: 04/04/22
	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 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: Mar-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 / 13:10	0.59	516	304.4	8.0	7.26	46.0	YES	892
02 / 06:25	0.61	461	281.2	8.0	7.68	53.6	YES	2442
03 / 07:27	0.67	456	305.5	8.0	8.38	69.5	YES	853
04 / 07:43	0.61	457	278.8	8.5	7.51	48.8	YES	1309
05 / 12:35	0.64	467	298.9	8.5	7.48	48.4	YES	1139
06 / 08:47	0.64	427	273.3	8.5	7.36	46.4	YES	873
07 / 07:43	0.63	435	274.1	8.5	7.47	48.2	YES	1432
08 / 01:43	0.65	466	302.9	8.5	7.77	53.7	YES	886
09 / 12:27	0.64	470	300.8	8.5	7.56	49.8	YES	1055
10 / 02:22	0.63	464	292.3	8.5	7.86	55.4	YES	847
11 / 02:39	0.66	457	301.6	8.5	7.52	49.2	YES	912
12 / 01:29	0.65	460	299.0	8.5	7.68	52.0	YES	1426
13 / 07:36	0.66	452	298.3	8.5	7.61	50.8	YES	1003
14 / 19:09	0.65	464	301.6	8.5	7.40	47.1	YES	1270
15 / 22:21	0.67	452	302.8	9.0	7.71	51.0	YES	1381
16 / 05:49	0.68	468	318.2	9.5	7.58	47.1	YES	1719
17 / 21:50	0.67	468	313.6	9.0	8.13	59.3	YES	1576
18 / 04:45	0.68	470	319.6	9.0	8.05	57.7	YES	1602
19 / 02:56	0.7	467	326.9	9.0	8.07	58.2	YES	1810
20 / 07:55	0.7	476	333.2	9.0	7.99	56.6	YES	1140
21 / 04:57	0.73	468	341.6	9.0	8.01	57.2	YES	1192
22 / 20:15	0.73	463	338.0	10.0	7.49	44.4	YES	964
23 / 02:27	0.73	475	346.8	10.0	7.58	45.9	YES	951
24 / 03:25	0.7	466	326.2	9.5	7.89	52.8	YES	944
25 / 05:23	0.71	469	333.0	10.0	7.31	41.6	YES	1251
26 / 22:57	0.7	474	331.8	10.2	7.50	43.8	YES	860
27 / 14:08	0.71	462	328.0	10.2	7.35	41.7	YES	840
28 / 03:48	0.69	464	320.2	10.5	7.07	37.0	YES	1016
29 / 04:47	0.71	487	345.8	11.0	7.52	41.9	YES	795
30 / 08:00	0.65	513	333.5	11.0	7.48	41.1	YES	1726
31 / 05:41	0.79	565	446.4	10.5	7.29	40.4	YES	1563

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 Mar 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.208		5.4		0.356	29.5
2	0.988		4.5		0.297	30.1
3	1.270		5.0		0.330	26.0
4	0.813		3.8		0.251	30.8
5	1.113		5.0		0.330	29.6
6	0.936		4.6		0.304	32.4
7	1.184		4.8		0.317	26.8
8	0.926		7.0		0.462	49.9
9	1.294		4.9		0.323	25.0
10	0.681		3.7		0.244	35.9
11	1.311		3.3		0.218	16.6
12	0.842		4.0		0.264	31.4
13	1.078		4.4		0.290	26.9
14	0.990		4.9		0.323	32.7
15	0.867		4.1		0.271	31.2
16	1.248		3.7		0.244	19.6
17	0.983		0.3		0.022	2.3
18	0.960		3.4		0.224	23.4
19	1.082		4.7		0.310	28.7
20	0.941		4.4		0.290	30.9
21	0.880		4.4		0.290	33.0
22	0.891		4.2		0.277	31.1
23	0.867		3.4		0.224	25.9
24	1.150		4.5		0.297	25.8
25	0.750		3.7		0.244	32.6
26	1.250		5.9		0.389	31.2
27	1.091		4.7		0.310	28.4
28	0.655		3.0		0.198	30.2
29	1.198		5.6		0.370	30.9
30	0.842		3.9		0.257	30.6
31	1.132		4.4		0.290	25.7
Total	31.421		133.6		8.820	28.1
Average	1.014		4.3		0.285	28.5

