

OHA - Drinking Water Services -Turbidity Monitoring Report Form


County: **MARION**

Conventional or Direct Filtration

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

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) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
All 4-hour turbidity readings ≤ 1 NTU? <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: 3/01/23
	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

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

System Name:	SILVERTON, CITY OF	ID#: 41	00823	Month/Year:	Feb-23
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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 / 07:52	0.71	535	379.9	7.0	7.74	29.6	YES	1107
02 / 06:17.	0.7	553	387.1	7.0	7.23	24.6	YES	1479
03 / 01:09	0.66	533	351.8	7.0	7.81	30.2	YES	911
04 / 04:50	0.66	538	355.1	7.0	7.76	29.7	YES	1445
05 / 11:17	0.66	551	363.7	7.0	7.80	30.1	YES	834
06 / 06:43	0.65	543	353.0	8.0	7.62	26.3	YES	1272
07 / 17:34	0.63	550	346.5	8.0	8.18	32.2	YES	1667
08 / 19:55	0.63	560	352.8	7.7	7.93	30.0	YES	1804
09 / 08:13	0.68	488	331.8	8.0	8.52	36.6	YES	892
10 / 14:44	0.72	490	352.8	8.0	8.16	32.3	YES	860
11 / 04:48	0.7	507	354.9	8.0	8.21	32.8	YES	847
12 / 06:14	0.64	492	314.9	8.0	7.58	25.9	YES	847
13 / 21:08	0.65	511	332.2	7.5	7.01	21.9	YES	1511
14 / 12:22	0.65	498	323.7	7.5	7.50	26.1	YES	801
15 / 09:22	0.63	485	305.6	7.0	7.78	29.8	YES	1511
16 / 06:12	0.64	480	307.2	7.5	8.22	33.8	YES	938
17 / 04:40	0.64	494	316.2	7.0	7.92	31.4	YES	944
18 / 23:25	0.64	496	317.4	7.0	7.95	31.7	YES	1224
19 / 02:09	0.64	469	300.2	7.7	7.91	29.8	YES	821
20 / 05:26	0.64	498	318.7	7.5	8.03	31.5	YES	892
21 / 06:09	0.65	488	317.2	8.0	7.90	29.1	YES	2722
22 / 02:57	0.66	497	328.0	8.0	7.90	29.2	YES	840
23 / 18:57	0.64	487	311.7	8.0	7.90	29.1	YES	905
24 / 06:47	0.62	491	304.4	7.0	8.05	32.8	YES	885
25 / 19:25	0.61	495	302.0	7.0	8.48	38.3	YES	885
26 / 06:04	0.59	490	289.1	7.0	7.84	30.3	YES	1257
27 / 06:36	0.6	487	292.2	6.5	7.45	27.3	YES	912
28 / 23:50	0.6	502	301.2	6.0	7.31	26.8	YES	931

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

City of Silverton Water Treatment Plant

Flow Report for Feb 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.280		6.2		0.409	32.0
2	1.151		6.8		0.449	39.0
3	1.232		5.2		0.343	27.9
4	1.014		6.5		0.429	42.3
5	1.183		5.6		0.370	31.2
6	1.216		5.0		0.330	27.1
7	1.216		7.2		0.475	39.1
8	1.370		5.4		0.356	26.0
9	1.597		6.5		0.429	26.9
10	1.182		5.8		0.383	32.4
11	1.167		7.0		0.462	39.6
12	1.056		5.9		0.389	36.9
13	1.282		7.0		0.462	36.0
14	1.276		7.0		0.462	36.2
15	1.253		6.5		0.429	34.2
16	1.151		5.5		0.363	31.5
17	1.253		6.4		0.422	33.7
18	1.273		5.6		0.370	29.0
19	1.254		6.4		0.422	33.7
20	1.138		6.3		0.416	36.5
21	1.268		5.4		0.356	28.1
22	1.263		5.8		0.383	30.3
23	1.240		6.1		0.403	32.5
24	1.107		6.0		0.396	35.8
25	1.209		6.6		0.436	36.0
26	1.200		6.0		0.396	33.0
27	1.355		7.3		0.482	35.6
28	1.346		7.5		0.495	36.8
Total	34.532		174.5		11.517	
Average	1.233		6.2		0.411	33.5

