

OHA - Drinking Water Services -Turbidity Monitoring Report Form

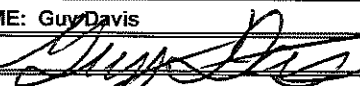
County: **MARION**

Conventional or Direct Filtration

Month/Year: **Nov-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	0.03	OFF	0.04	0.03	OFF	0.03	0.08
2	0.03	OFF	0.03	0.07	OFF	0.04	0.07
3	0.04	0.04	0.04	0.04	OFF	0.03	0.11
4	OFF	0.03	OFF	0.03	0.03	0.04	0.29
5	OFF	OFF	OFF	0.22	0.06	OFF	0.27
6	0.28	OFF	0.26	0.20	0.15	OFF	0.28
7	OFF	OFF	Off	0.21	0.06	0.04	0.30
8	0.05	0.10	0.12	0.05	0.29	0.06	0.30
9	0.29	0.05	0.05	0.09	0.06	0.05	0.09
10	0.05	0.05	0.06	0.08	0.09	0.08	0.10
11	0.07	OFF	0.05	0.09	0.06	0.06	0.13
12	OFF	0.08	0.08	0.08	0.03	0.03	0.29
13	OFF	0.03	0.03	0.08	0.06	0.03	0.08
14	OFF	OFF	0.03	0.03	OFF	OFF	0.15
15	0.03	0.04	OFF	0.03	0.03	OFF	0.30
16	OFF	0.03	OFF	0.03	OFF	0.03	0.08
17	0.03	OFF	OFF	0.03	OFF	0.03	0.07
18	OFF	0.03	0.03	0.03	0.03	OFF	0.05
19	0.03	OFF	0.03	0.03	0.03	OFF	0.05
20	0.03	OFF	OFF	0.03	0.03	0.04	0.16
21	OFF	0.04	0.12	0.06	0.03	OFF	0.12
22	0.02	OFF	0.03	0.03	OFF	0.03	0.08
23	0.03	OFF	0.03	0.03	OFF	0.03	0.04
24	OFF	0.04	OFF	0.03	OFF	0.03	0.07
25	0.04	OFF	0.03	0.03	0.04	0.04	0.09
26	OFF	OFF	0.04	OFF	0.03	0.03	0.09
27	OFF	0.05	OFF	0.04	OFF	OFF	0.16
28	OFF	OFF	OFF	0.03	0.04	0.07	0.11
29	0.18	0.18	0.24	0.04	0.04	0.03	0.26
30	0.03	OFF	OFF	0.04	0.03	OFF	0.05
31	XXX	XXX	XXX	XXX	XXX	XXX	

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: 12/04/23
	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:	Nov-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 / 04:20	0.6	473	283.8	8.5	7.42	23.6	YES	1218
02 / 02:11	0.62	421	261.0	10.0	7.41	21.3	YES	1084
03 / 00:29	0.63	457	287.9	10.5	7.43	20.8	YES	918
04 / 16:10	0.69	480	331.2	11.5	7.67	21.3	YES	860
05 / 16:00	0.61	446	272.1	11.0	7.56	21.0	YES	782
06 / 19:18	0.64	522	334.1	12.0	8.09	23.8	YES	879
07 / 03:25	0.66	506	334.0	12.5	7.48	18.5	YES	899
08 / 10:30	0.68	649	441.3	11.0	8.22	26.8	YES	1094
09 / 14:42	0.69	644	444.4	11.0	8.25	27.1	YES	944
10 / 03:16	0.7	625	437.5	11.2	7.83	23.1	YES	872
11 / 19:13	0.73	643	469.4	11.0	7.93	24.3	YES	846
12 / 20:03	0.72	621	447.1	11.0	7.61	21.7	YES	736
13 / 01:03	0.7	507	354.9	11.0	7.55	21.2	YES	1068
14 / 05:53	0.68	510	346.8	11.5	7.16	17.9	YES	892
15 / 22:41	0.66	502	331.3	11.2	7.05	17.5	YES	1101
16 / 06:32	0.66	492	324.7	11.0	7.36	19.7	YES	892
17 / 16:04	0.63	488	307.4	10.5	7.90	24.6	YES	1146
18 / 02:59	0.63	495	311.9	10.5	7.92	24.7	YES	827
19 / 06:21	0.63	486	306.2	10.0	7.97	26.0	YES	795
20 / 23:21	0.64	505	323.2	10.5	7.88	24.4	YES	1140
21 / 09:56	0.62	505	313.1	10.0	8.17	27.9	YES	1003
22 / 02:27	0.66	492	324.7	10.0	8.11	27.5	YES	990
23 / 23:28	0.67	505	338.4	10.0	8.22	28.6	YES	1114
24 / 03:27	0.66	495	326.7	10.0	7.45	21.7	YES	1107
25 / 02:20	0.66	502	331.3	10.0	7.24	20.2	YES	997
26 / 13:56	0.68	500	340.0	8.2	7.31	23.4	YES	1081
27 / 04:34	0.66	502	331.3	8.0	7.01	21.2	YES	931
28 / 07:16	0.66	508	335.3	9.0	6.75	18.2	YES	3100
29 / 08:06	0.73	521	380.3	8.0	7.63	26.7	YES	984
30 / 08:03	0.72	495	356.4	6.5	8.04	34.2	YES	964
31 /	XXX	XXX	#VALUE!	XXX	XXX	#VALUE!	#VALUE!	XXX

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 Nov 23

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.346		6.4		0.422	31.4
2	1.887		6.9		0.455	24.1
3	1.381		6.7		0.442	32.0
4	1.119		6.8		0.449	40.1
5	1.125		6.7		0.442	39.3
6	0.858		6.8		0.449	52.3
7	1.724		7.2		0.475	27.6
8	1.431		7.7		0.508	35.5
9	1.477		7.7		0.508	34.4
10	1.202		4.8		0.317	26.4
11	1.281		7.3		0.482	37.6
12	1.248		7.2		0.475	38.1
13	1.103		7.0		0.462	41.9
14	1.120		5.0		0.330	29.5
15	1.313		7.3		0.482	36.7
16	1.097		6.3		0.416	37.9
17	1.250		7.4		0.488	39.1
18	1.069		6.7		0.442	41.4
19	1.291		5.6		0.370	28.6
20	1.251		7.8		0.515	41.2
21	1.188		6.2		0.409	34.4
22	1.430		7.5		0.495	34.6
23	1.067		6.6		0.436	40.8
24	1.241		7.5		0.495	39.9
25	1.240		6.5		0.429	34.6
26	0.525		6.5		0.429	81.7
27	1.756		2.9		0.191	10.9
28	1.259		8.1		0.535	42.5
29	1.495		9.8		0.647	43.3
30	1.291		7.2		0.475	36.8
Total	38.065		204.1		13.471	35.4
Average	1.269		6.8		0.435	37.1

