

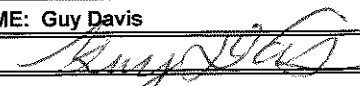
OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Feb-24**

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 <sup>1</sup> [NTU]
1	0.03	0.03	OFF	0.03	0.03	OFF	0.27
2	0.03	0.03	OFF	0.03	0.05	0.03	0.06
3	OFF	0.03	0.04	0.06	0.04	0.04	0.09
4	OFF	0.04	0.04	0.05	0.03	0.03	0.11
5	OFF	0.03	0.04	4.00	0.04	OFF	0.29
6	OFF	0.03	0.03	OFF	0.08	0.05	0.16
7	OFF	OFF	0.04	0.03	0.09	OFF	0.27
8	0.04	OFF	OFF	0.03	0.03	OFF	0.04
9	0.03	OFF	0.09	0.06	0.03	OFF	0.09
10	0.03	OFF	0.03	0.04	OFF	0.04	0.20
11	0.06	0.05	OFF	0.07	OFF	0.03	0.26
12	OFF	OFF	0.06	0.03	OFF	0.04	0.09
13	OFF	0.05	OFF	0.05	0.04	OFF	0.16
14	OFF	0.05	OFF	0.07	0.05	OFF	0.28
15	0.03	0.05	OFF	0.05	0.04	0.05	0.41
16	OFF	0.07	OFF	0.08	0.09	OFF	0.38
17	0.07	OFF	0.06	0.05	0.03	OFF	0.32
18	0.03	OFF	OFF	0.03	0.04	0.03	0.35
19	OFF	OFF	0.11	0.04	0.04	0.04	0.19
20	0.04	OFF	0.03	0.04	0.03	0.10	0.26
21	0.05	OFF	0.03	0.03	OFF	0.03	0.18
22	0.04	OFF	0.28	0.11	0.03	OFF	0.28
23	0.07	0.06	OFF	0.06	0.03	OFF	0.06
24	0.04	OFF	0.09	0.03	OFF	0.03	0.10
25	OFF	0.07	0.11	0.03	OFF	0.03	0.13
26	OFF	OFF	0.11	OFF	0.03	0.05	0.16
27	0.03	OFF	0.03	0.05	0.07	OFF	0.21
28	0.16	OFF	0.12	0.07	0.06	0.08	0.28
29	0.07	OFF	0.18	0.06	OFF	0.04	0.18
30	XXX	XXX	XXX	XXX	XXX	XXX	XXX
31	XXX	XXX	XXX	XXX	XXX	XXX	XXX

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings $\leq$ 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 $\geq$ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
All 4-hour turbidity readings $\leq$ 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No		
All turbidity readings < IFE <sup>2</sup> triggers <input checked="" type="radio"/> Yes <input type="radio"/> No		
Notes: High Turbidity numbers on start ups before filters stabilize.	PRINTED NAME: Guy Davis	
	SIGNATURE: 	DATE: 3/4/24
	PHONE #: ( 503 ) 873-5437	CERT #: 7126

<sup>1</sup> 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. <sup>2</sup> 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: Feb-24		WTP - : A			
												Disinfection <i>Giardia</i> Log Inactiv:		0.5	

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
01 / 21:17	0.65	536	348.4	10.0	7.47	21.9	YES	925
02 / 07:22	0.66	526	347.2	10.0	7.51	22.2	YES	1133
03 / 07:38	0.7	525	367.5	10.0	7.57	22.8	YES	827
04 / 08:22	0.73	536	391.3	10.0	7.84	25.1	YES	808
05 / 23:39	0.72	526	378.7	8.8	7.64	25.3	YES	1439
06 / 03:07	0.71	549	389.8	9.5	6.86	18.4	YES	1244
07 / 05:35	0.71	530	376.3	9.8	7.29	20.9	YES	1186
08 / 13:47	0.69	461	318.1	9.5	7.97	27.1	YES	912
09 / 05:27	0.69	457	315.3	9.0	7.65	25.0	YES	834
10 / 14:22	0.69	457	315.3	8.5	7.28	22.7	YES	1075
11 / 08:07	0.69	453	312.6	9.0	7.00	19.9	YES	808
12 / 23:00	0.7	451	315.7	8.5	7.53	24.8	YES	788
13 / 15:26	0.7	455	318.5	8.5	7.52	24.7	YES	1036
14 / 08:17	0.71	468	332.3	8.0	7.03	21.5	YES	1192
15 / 12:57	0.71	442	313.8	8.0	7.35	24.1	YES	820
16 / 00:50	0.69	474	327.1	8.5	7.47	24.3	YES	1374
17 / 05:27	0.69	469	323.6	8.0	7.56	25.9	YES	781
18 / 08:22	0.69	467	322.2	9.0	7.32	22.3	YES	1146
19 / 04:41	0.69	453	312.6	8.5	7.41	23.7	YES	838
20 / 17:06	0.68	442	300.6	8.7	6.71	18.3	YES	1075
21 / 11:12	0.69	453	312.6	9.0	7.11	20.7	YES	1394
22 / 14:12	0.69	448	309.1	9.0	7.53	24.0	YES	984
23 / 22:21	0.67	446	298.8	9.0	6.91	19.2	YES	1341
24 / 08:04	0.68	448	304.6	9.0	6.96	19.6	YES	788
25 / 03:32	0.68	446	303.3	10.0	7.46	21.9	YES	957
26 / 19:07	0.63	446	281.0	9.0	7.60	24.4	YES	840
27 / 22:20	0.66	455	300.3	9.0	7.30	22.0	YES	997
28 / 06:09	0.67	440	294.8	9.0	7.73	25.7	YES	1185
29 / 13:53	0.67	442	296.1	7.5	7.91	30.3	YES	912
XXX	XXX	XXX	#VALUE!	XXX	XXX	#VALUE!	XXX	XXX
XXX	XXX	XXX	#VALUE!	XXX	XXX	#VALUE!	XXX	XXX

<sup>3</sup> If Cl<sub>2</sub> 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 Feb 24

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.193		6.9		0.455	38.2
2	1.464		7.8		0.515	35.2
3	1.431		8.0		0.528	36.9
4	1.410		7.6		0.502	35.6
5	1.277		7.4		0.488	38.2
6	1.101		8.0		0.528	48.0
7	1.282		5.7		0.376	29.3
8	1.120		6.4		0.422	37.7
9	1.208		8.5		0.561	46.4
10	1.356		6.4		0.422	31.2
11	1.201		7.7		0.508	42.3
12	1.216		6.9		0.455	37.5
13	1.319		8.3		0.548	41.5
14	1.179		7.7		0.508	43.1
15	1.367		7.9		0.521	38.1
16	1.148		8.8		0.581	50.6
17	1.213		5.5		0.363	29.9
18	1.200		8.2		0.541	45.1
19	1.122		6.6		0.436	38.8
20	1.284		7.5		0.495	38.6
21	1.281		6.6		0.436	34.0
22	1.391		7.7		0.508	36.5
23	1.208		7.1		0.469	38.8
24	1.248		8.2		0.541	43.4
25	1.218		7.5		0.495	40.6
26	1.196		6.1		0.403	33.7
27	1.236		8.0		0.528	42.7
28	1.417		7.8		0.515	36.3
29	1.429		7.8		0.515	36.0
<b>Total</b>	<b>36.715</b>		<b>214.6</b>		<b>14.164</b>	<b>38.6</b>
<b>Average</b>	<b>1.266</b>		<b>7.4</b>		<b>0.488</b>	<b>38.8</b>

