

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration


Month/Year: **Sep-21**

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	0.03	0.04	0.02	0.02	0.04
2	0.02	0.02	0.02	0.02	Filter to Waste	0.10	0.30
3	OFF	0.05	0.03	OFF	0.03	0.03	0.11
4	OFF	0.05	0.10	0.03	OFF	0.04	0.10
5	OFF	OFF	0.03	OFF	0.03	OFF	0.06
6	OFF	0.03	0.11	OFF	0.04	OFF	0.11
7	OFF	0.06	0.03	0.04	OFF	0.03	0.06
8	OFF	0.03	0.03	OFF	0.03	0.03	0.12
9	OFF	0.03	0.03	OFF	0.03	0.03	0.06
10	OFF	0.06	0.05	0.03	OFF	0.03	0.09
11	OFF	0.04	0.03	OFF	OFF	0.03	0.08
12	OFF	0.04	0.03	OFF	OFF	0.03	0.05
13	OFF	0.04	0.03	OFF	0.03	0.03	0.05
14	OFF	0.03	0.04	0.04	0.04	0.04	0.05
15	0.04	0.04	0.04	0.04	0.04	0.04	0.06
16	0.04	0.04	0.04	0.04	OFF	0.04	0.06
17	0.04	0.05	0.05	0.06	OFF	0.05	0.06
18	0.05	OFF	0.16	0.06	0.05	0.05	0.26
19	0.05	OFF	0.05	OFF	0.05	0.06	0.07
20	0.05	OFF	OFF	0.06	OFF	0.05	0.12
21	OFF	0.06	0.04	OFF	OFF	0.04	0.09
22	OFF	0.06	0.04	0.04	OFF	0.03	0.06
23	0.03	OFF	0.03	OFF	0.03	0.03	0.04
24	OFF	0.03	0.03	0.03	0.02	0.02	0.07
25	0.02	0.03	0.03	0.02	0.02	0.02	0.05
26	OFF	0.03	0.03	0.02	0.02	0.02	0.04
27	OFF	OFF	0.02	0.02	0.03	OFF	0.03
28	0.02	OFF	0.03	0.03	0.02	0.02	0.05
29	OFF	0.03	0.02	0.03	0.02	0.02	0.05
30	0.02	OFF	0.02	OFF	0.02	0.03	0.04
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)	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: 0.33 occurred during backwash of plant 2 filters

PRINTED NAME: Guy Davis	DATE: 10/04/21
SIGNATURE: 	CERT #: 7126
PHONE #: (503) 873-5437	

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

System Name: SILVERTON, CITY OF ID#: 41 00823 Month/Year: Sep-21 Disinfection *Giardia* Log Inactiv: 1

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? ³ Yes / No	Peak Hourly Demand Flow [GPM]
1 / 0:00	1	524	524.0	17.5	8.01	33.5	YES	1192
2 / 6:48	0.69	324	223.6	17.0	7.36	26.3	YES	1146
3 / 14:13	0.5	303	151.5	17.0	7.16	23.9	YES	1062
4 / 1:58	0.69	342	236.0	17.5	7.07	22.8	YES	951
5 / 22:59	0.81	341	276.2	17.5	7.26	24.8	YES	899
6 / 2:02	0.67	373	249.9	18.0	7.18	22.9	YES	977
7 / 3:35	0.66	381	251.5	18.5	7.33	23.4	YES	1290
8 / 4:04	0.66	353	233.0	18.0	7.25	23.5	YES	1329
9 / 3:45	0.7	357	249.9	18.7	7.35	23.4	YES	1042
10 / 3:55	0.71	335	237.9	18.0	7.32	24.3	YES	1113
11 / 4:03	0.83	353	293.0	18.0	7.34	24.8	YES	970
12 / 4:02	0.75	349	261.8	18.0	7.30	24.2	YES	1029
13 / 1:52	0.7	323	226.1	17.0	7.33	26.0	YES	1075
14 / 4:52	0.87	502	436.7	17.0	8.23	37.0	YES	1537
15 / 10:47	0.72	535	385.2	18.0	8.37	35.9	YES	1374
16 / 10:14	0.69	523	360.9	17.0	7.45	27.2	YES	1146
17 / 6:50	0.72	504	362.9	16.5	7.87	33.0	YES	944
18 / 14:59	0.5	537	268.5	17.0	7.53	27.4	YES	782
19 / 8:35	0.74	532	393.7	17.0	7.00	23.1	YES	840
20 / 4:57	0.74	526	389.2	17.0	7.03	23.4	YES	770
21 / 9:57	0.47	514	241.6	17.0	7.21	24.2	YES	794
22 / 8:30	0.49	510	249.9	17.0	7.29	25.0	YES	1211
23 / 16:48	0.5	600	300.0	17.0	7.60	28.1	YES	892
24 / 13:02	0.71	554	393.3	17.0	7.31	25.9	YES	905
25 / 16:34	0.99	495	490.1	16.5	7.20	26.5	YES	1101
26 / 5:02	0.74	503	372.2	16.0	7.48	29.6	YES	886
27 / 8:52	0.6	569	341.4	16.0	7.31	27.3	YES	1042
28 / 1:42	0.55	556	305.8	16.0	7.36	27.7	YES	899
29 / 10:13	0.54	551	297.5	15.0	7.21	27.9	YES	918
30 / 11:24	0.61	572	348.9	14.5	7.52	32.7	YES	1164

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 Sept 21

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.832		23.3		1.779	97.1
2	2.845		17.7		1.705	59.9
3	3.168		12.2		1.610	50.8
4	2.809		13.2		1.545	55.0
5	2.819		13.2		1.550	55.0
6	2.572		13.4		1.436	55.8
7	2.521		15.2		1.596	63.3
8	2.722		13.7		1.554	57.1
9	2.695		13.9		1.561	57.9
10	2.861		14.9		1.776	62.1
11	2.714		13.9		1.571	57.9
12	2.755		13.4		1.538	55.8
13	2.187		14.4		1.312	60.0
14	1.911		23.1		1.839	96.2
15	1.794		19.3		1.443	80.4
16	1.835		22.1		1.690	92.1
17	1.903		19.9		1.578	82.9
18	1.787		18.1		1.348	75.4
19	1.803		17.2		1.292	71.7
20	1.823		14.6		1.109	60.8
21	1.880		14.7		1.144	60.9
22	1.867		19.1		1.496	80.1
23	1.529		16.9		1.077	70.4
24	1.736		21.2		1.533	88.3
25	1.938		16.0		1.292	66.7
26	1.906		16.5		1.310	68.7
27	1.687		17.1		1.202	71.3
28	1.725		16.8		1.208	70.0
29	1.742		20.3		1.473	84.6
30	1.676		14.7		1.027	61.3
Total	65.042		500.0		43.594	
Average	2.168		16.7		1.453	69.0

