

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**
 Month/Year: **May-24**

Conventional or Direct Filtration

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	0.03	OFF	0.03	0.04
2	0.04	OFF	0.03	0.03	OFF	0.04	0.06
3	OFF	OFF	0.06	0.03	0.02	OFF	0.07
4	0.02	OFF	0.03	0.03	OFF	0.03	0.05
5	OFF	0.04	OFF	0.03	OFF	0.05	0.08
6	OFF	OFF	0.05	0.05	0.04	OFF	0.07
7	0.06	OFF	0.08	0.04	OFF	0.03	0.11
8	0.03	OFF	0.03	0.03	0.03	OFF	0.08
9	0.02	OFF	0.03	0.02	OFF	0.03	0.08
10	OFF	OFF	0.03	0.03	0.03	0.03	0.04
11	OFF	OFF	0.03	0.03	0.02	0.02	0.04
12	OFF	OFF	0.02	0.04	0.02	0.03	0.05
13	0.03	OFF	0.03	0.03	0.03	OFF	0.09
14	0.02	OFF	0.03	0.03	0.03	OFF	0.04
15	0.03	OFF	0.03	0.03	0.03	OFF	0.04
16	0.03	OFF	0.03	0.03	0.12	OFF	0.12
17	0.03	OFF	0.03	0.03	0.04	OFF	0.05
18	0.04	OFF	0.03	0.03	0.04	0.06	0.06
19	0.03	OFF	0.03	0.03	OFF	0.03	0.06
20	OFF	OFF	0.03	0.03	OFF	0.03	0.06
21	0.03	OFF	0.03	0.03	OFF	OFF	0.06
22	0.03	OFF	0.03	0.03	OFF	0.03	0.05
23	OFF	OFF	0.03	0.03	OFF	0.03	0.05
24	OFF	OFF	0.04	0.03	OFF	0.03	0.05
25	OFF	OFF	0.03	0.03	OFF	OFF	0.06
26	0.03	OFF	0.03	0.03	0.04	0.06	0.06
27	OFF	OFF	0.03	0.03	0.04	0.03	0.05
28	0.03	OFF	0.03	0.03	0.03	OFF	0.06
29	0.03	OFF	0.03	0.03	OFF	0.03	0.05
30	OFF	OFF	0.05	0.03	OFF	0.03	0.05
31	0.03	OFF	0.03	0.03	0.03	0.03	0.04

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: 
	PHONE #: (503) 873-5437
	DATE: 06/04/24
	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

System Name:	SILVERTON, CITY OF	ID#: 41	00823	Month/Year:	May-24	Disinfection <i>Giardia</i> Log Inactiv:	0.5
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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]
01 / 01:16	0.53	430	227.9	10.5	7.64	22.1	YES	1303
02 / 21:21	0.58	424	245.9	10.5	7.05	18.1	YES	1159
03 / 11:19	0.6	426	255.6	10.0	6.57	15.9	YES	866
04 / 12:45	0.61	432	263.5	10.0	7.83	24.7	YES	879
05 / 05:51	0.62	434	269.1	10.0	7.79	24.4	YES	892
06 / 11:27	0.64	436	279.0	10.0	7.72	23.8	YES	788
07 / 05:31	0.65	435	282.8	10.0	7.47	21.9	YES	944
08 / 14:59	0.65	434	282.1	10.0	7.47	21.9	YES	1615
09 / 17:44	0.64	452	289.3	10.0	7.19	19.8	YES	872
10 / 16:27	0.65	443	288.0	12.0	7.43	18.9	YES	814
11 / 17:47	0.65	449	291.9	13.0	7.60	18.7	YES	1231
12 / 16:18	0.67	426	285.4	14.0	7.98	20.1	YES	782
13 / 08:40	0.69	436	300.8	15.0	7.57	16.2	YES	1010
14 / 03:13	0.67	434	290.8	14.0	6.97	13.9	YES	1023
15 / 05:33	0.66	436	287.8	15.0	7.34	14.9	YES	1798
16 / 02:39	0.63	432	272.2	15.0	6.51	10.9	YES	886
17 / 06:54	0.46	437	201.0	15.0	6.89	12.3	YES	1276
18 / 08:32	0.43	426	183.2	15.0	7.09	13.2	YES	859
19 / 02:34	0.64	430	275.2	14.0	8.38	23.3	YES	1563
20 / 01:32	0.64	436	279.0	13.5	7.32	16.3	YES	1179
21 / 03:28	0.65	432	280.8	14.0	7.27	15.5	YES	827
22 / 04:15	0.65	430	279.5	13.0	7.18	16.0	YES	984
23 / 03:40	0.63	436	274.7	13.0	7.10	15.5	YES	1029
24 / 08:44	0.63	454	286.0	13.0	7.37	17.1	YES	1159
25 / 02:10	0.61	429	261.7	13.0	7.86	20.5	YES	1986
26 / 00:24	0.6	419	251.4	13.0	7.96	21.2	YES	1081
27 / 03:39	0.59	438	258.4	13.0	7.95	21.1	YES	866
28 / 15:50	0.58	423	245.3	15.0	7.21	14.0	YES	925
29 / 08:54	0.57	436	248.5	15.0	6.95	12.7	YES	1166
30 / 14:22	0.58	426	247.1	14.0	6.98	13.8	YES	1238
31 / 02:44	0.71	430	305.3	15.0	7.30	14.7	YES	990

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 24

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.152		6.7		0.442	38.4
2	1.215		7.4		0.488	40.2
3	1.144		7.3		0.482	42.1
4	1.212		7.4		0.488	40.3
5	1.104		7.2		0.475	43.0
6	1.154		7.6		0.502	43.5
7	1.267		6.6		0.436	34.4
8	1.225		8.2		0.541	44.2
9	1.199		7.5		0.495	41.3
10	1.083		8.7		0.574	53.0
11	1.718		8.9		0.587	34.2
12	1.781		10.0		0.660	37.1
13	1.467		9.1		0.601	40.9
14	1.342		9.0		0.594	44.3
15	1.421		9.9		0.653	46.0
16	1.462		9.7		0.640	43.8
17	1.371		10.9		0.719	52.5
18	1.349		9.1		0.601	44.5
19	1.570		8.7		0.574	36.6
20	1.320		8.9		0.587	44.5
21	1.369		9.3		0.614	44.8
22	1.227		8.6		0.568	46.3
23	1.320		8.7		0.574	43.5
24	1.248		8.6		0.568	45.5
25	1.338		7.9		0.521	39.0
26	1.386		10.5		0.693	50.0
27	1.715		11.0		0.726	42.3
28	1.409		9.6		0.634	45.0
29	1.467		9.3		0.614	41.8
30	1.706		9.2		0.607	35.6
31	1.812		10.7		0.706	39.0
Total	42.553		272.2		17.965	42.2
Average	1.373		8.8		0.580	42.5

