

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Apr-21**

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	OFF	0.04	0.04	0.04	0.04	0.05
2	0.04	OFF	0.04	0.04	OFF	0.04	0.05
3	OFF	OFF	0.04	OFF	0.04	0.04	0.05
4	OFF	OFF	0.04	0.04	0.04	0.04	0.05
5	OFF	OFF	0.04	0.04	OFF	0.04	0.05
6	OFF	OFF	0.04	0.04	0.04	0.04	0.05
7	OFF	OFF	0.04	0.04	0.04	0.04	0.05
8	OFF	OFF	0.04	0.04	OFF	0.04	0.05
9	0.04	0.04	0.04	0.04	0.04	0.04	0.05
10	OFF	OFF	0.04	0.04	OFF	0.04	0.05
11	OFF	OFF	0.04	OFF	OFF	0.04	0.05
12	OFF	OFF	0.04	0.04	0.04	0.04	0.05
13	OFF	OFF	0.04	0.04	0.04	0.04	0.05
14	OFF	OFF	0.04	0.04	0.04	0.04	0.05
15	0.04	0.04	0.04	0.04	0.06	0.04	0.07
16	0.04	0.04	0.04	0.04	0.04	0.04	0.05
17	0.04	OFF	0.04	0.04	0.04	0.04	0.10
18	OFF	OFF	0.04	0.04	0.04	0.04	0.09
19	0.04	0.04	0.04	0.04	0.04	0.04	0.12
20	0.04	OFF	0.04	0.04	0.04	0.04	0.07
21	0.04	0.04	0.04	0.04	0.04	0.04	0.05
22	0.04	OFF	0.04	0.04	0.04	0.04	0.05
23	0.04	0.04	0.04	0.04	0.04	0.04	0.05
24	0.04	OFF	0.04	0.04	0.04	0.04	0.05
25	0.04	OFF	0.04	0.04	0.04	0.04	0.06
26	0.04	0.04	0.04	0.04	0.04	0.04	0.08
27	OFF	0.04	0.04	0.04	0.030.03	0.03	0.05
28	0.03	0.03	0.03	OFF	0.03	0.03	0.04
29	0.03	OFF	0.03	0.03	0.03	0.03	0.04
30	OFF	0.03	0.03	0.03	0.03	0.03	0.04
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Conventional or Direct Filtration

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings ≤ 0.3 NTU? Yes / No
 All 4-hour turbidity readings ≤ 1 NTU? Yes / No
 All turbidity readings < IFE² triggers Yes / No

CT's met everyday? (see back)

All Cl₂ residual at entry point ≥ 0.2 mg/l?

Yes / No

Yes / No

Notes:

PRINTED NAME: *Brad Jensen*

SIGNATURE: *[Signature]*

DATE: *5/6/21*

PHONE #: *(503) 873 5435*

CERT #: *708913*

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: Apr-21 Disinfection *Giardia* Log Inactiv: 1

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]
1/05:29	0.63	486	306.2	9.0	7.56	48.1	YES	1198
2/11:45	0.75	498	373.5	9.0	7.45	46.9	YES	938
3/12:52	0.73	511	373.0	9.0	7.41	46.1	YES	1674
4/02:32	0.7	506	354.2	9.5	7.40	44.3	YES	769
5/18:51	0.73	484	353.3	9.5	7.47	45.6	YES	964
6/11:00	0.68	489	332.5	10.0	7.40	42.8	YES	984
7/02:57	0.68	503	342.0	9.0	7.67	50.3	YES	1068
8/10:37	0.64	496	317.4	9.0	7.68	50.3	YES	899
9/05:53	0.68	487	331.2	9.0	7.80	52.7	YES	938
10/15:16	0.69	493	340.2	9.5	7.62	47.9	YES	801
11/05:34	0.68	494	335.9	9.5	7.81	51.2	YES	853
12/04:46	0.71	498	353.6	9.0	7.43	46.4	YES	873
13/06:14	0.69	493	340.2	9.0	7.72	51.3	YES	1107
14/06:19	0.7	486	340.2	9.0	7.70	51.0	YES	1452
15/14:50	0.7	501	350.7	10.0	7.80	49.4	YES	1133
16/5:35	0.69	495	341.6	10.1	7.91	51.0	YES	1634
17/4:35	0.68	517	351.6	10.5	7.95	50.3	YES	2240
18/6:19	0.68	497	338.0	10.5	7.94	50.1	YES	853
19/4:39	0.68	499	339.3	12.0	8.16	49.0	YES	1433
20/6:20	0.66	498	328.7	11.5	7.45	39.4	YES	977
21/12:20	0.68	485	329.8	12.0	7.67	41.3	YES	2332
22/13:15	0.66	498	328.7	11.5	7.45	39.4	YES	977
23/14:25	0.68	492	334.6	11.8	7.35	37.4	YES	1100
24/13:20	0.68	497	338.0	11.5	7.38	38.5	YES	769
25/12:22	0.69	491	338.8	12.0	7.56	39.7	YES	1238
26/3:39	0.7	461	322.7	11.0	7.54	42.2	YES	1081
27/5:05	0.67	447	299.5	11.0	8.30	55.1	YES	1511
28/16:05	0.67	440	294.8	11.0	7.20	37.4	YES	1198
29/6:20	0.64	462	295.7	12.0	7.32	36.4	YES	977
30/12:05	0.66	470	310.2	12.0	7.58	39.9	YES	951
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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 April 2021

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.547		6.2		0.409	26.5
2	1.236		4.0		0.264	21.4
3	1.087		4.0		0.264	24.3
4	1.217		6.1		0.403	33.1
5	1.255		3.9		0.257	20.5
6	1.358		5.2		0.343	25.3
7	1.321		5.6		0.370	28.0
8	1.381		4.1		0.271	19.6
9	1.140		4.2		0.277	24.3
10	1.215		4.2		0.277	22.8
11	1.086		3.9		0.257	23.7
12	1.518		6.1		0.403	26.5
13	1.332		6.1		0.403	30.2
14	1.777		7.1		0.469	26.4
15	1.702		6.3		0.416	24.4
16	1.503		5.3		0.350	23.3
17	1.399		6.2		0.409	29.2
18	1.844		9.5		0.627	34.0
19	1.680		9.6		0.634	37.7
20	1.741		7.3		0.482	27.7
21	1.591		6.3		0.416	26.1
22	1.700		7.3		0.482	28.3
23	1.457		7.6		0.502	34.4
24	1.607		8.4		0.554	34.5
25	1.858		7.9		0.521	28.1
26	1.431		6.7		0.442	30.9
27	1.690		5.7		0.376	22.3
28	1.618		6.7		0.442	27.3
29	1.661		8.1		0.535	32.2
30	1.631		7.9		0.521	32.0
31					0.000	#DIV/0!
Total	44.583		187.5		12.375	27.8
Average	1.486		6.3		0.399	#DIV/0!

