

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: MARION

Conventional or Direct Filtration

Month/Year: Apr-22

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	OFF	0.15	0.04	0.04	0.16
2	OFF	OFF	0.04	OFF	OFF	OFF	0.07
3	OFF	0.03	0.03	0.04	0.04	OFF	0.09
4	OFF	OFF	0.04	0.03	OFF	0.03	0.27
5	0.03	OFF	OFF	0.03	0.04	0.04	0.08
6	OFF	OFF	OFF	0.05	0.05	0.03	0.10
7	0.03	OFF	OFF	0.04	OFF	OFF	0.05
8	OFF	OFF	0.09	0.04	0.04	OFF	0.09
9	OFF	OFF	0.05	0.03	0.03	0.03	0.06
10	OFF	OFF	OFF	0.04	0.03	0.03	0.11
11	OFF	OFF	OFF	OFF	0.11	0.03	0.12
12	0.03	OFF	OFF	0.30	0.10	0.23	0.30
13	OFF	OFF	OFF	0.06	0.06	0.06	0.30
14	0.05	0.05	OFF	0.13	0.05	0.05	0.30
15	OFF	OFF	0.04	0.04	0.04	OFF	0.08
16	OFF	OFF	0.04	0.04	0.04	OFF	0.06
17	OFF	OFF	0.04	0.04	0.03	0.04	0.13
18	OFF	OFF	0.04	0.04	0.03	OFF	0.05
19	OFF	OFF	0.03	0.06	0.03	OFF	0.07
20	OFF	OFF	0.03	0.04	0.04	0.04	0.05
21	OFF	OFF	OFF	0.06	0.04	0.05	0.17
22	OFF	OFF	0.04	0.05	0.05	OFF	0.06
23	OFF	OFF	0.07	0.05	0.02	0.04	0.09
24	0.03	OFF	OFF	OFF	OFF	OFF	0.05
25	0.03	0.03	0.02	0.03	OFF	OFF	0.06
26	OFF	OFF	0.03	0.02	0.03	0.03	0.26
27	OFF	OFF	OFF	0.03	0.02	OFF	0.04
28	OFF	OFF	0.03	0.03	0.03	OFF	0.03
29	OFF	OFF	0.03	0.03	0.04	OFF	0.04
30	OFF	OFF	OFF	0.03	0.03	OFF	0.06

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: <i>Guy Davis</i>	05/02/2022
	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

System Name:	SILVERTON, CITY OF	ID#: 41	00823	Month/Year:	Apr-22	Disinfection <i>Giardia</i> Log Inactiv:	1
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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 / 07:49	0.75	420	315.0	10.0	7.64	46.9	YES	1029
02 / 18:18	0.77	469	361.1	10.0	7.39	43.1	YES	1387
03 / 22:21	0.77	429	330.3	10.0	7.43	43.7	YES	782
04 / 05:22	0.76	532	404.3	10.0	7.07	38.5	YES	918
05 / 07:22	0.74	470	347.8	10.0	6.97	37.1	YES	847
06 / 08:10	0.77	517	398.1	10.0	6.95	37.0	YES	905
07 / 15:09	0.7	468	327.6	10.0	7.33	41.9	YES	879
08 / 05:11	0.7	464	324.8	10.2	7.24	40.0	YES	924
09 / 15:05	0.7	457	319.9	10.0	7.16	39.5	YES	2488
10 / 07:16	0.73	488	356.2	10.0	7.81	49.8	YES	684
11 / 09:21	0.69	502	346.4	10.0	8.61	66.1	YES	1290
12 / 05:24	0.73	475	346.8	10.0	8.78	70.6	YES	918
13 / 09:14	0.73	480	350.4	10.0	8.72	69.1	YES	1732
14 / 03:12	0.73	476	347.5	9.5	8.72	71.5	YES	1342
15 / 02:24	0.73	477	348.2	9.5	8.55	67.2	YES	957
16 / 04:59	0.72	472	339.8	9.5	8.12	57.4	YES	970
17 / 10:24	0.7	484	338.8	9.5	7.91	53.1	YES	756
18 / 08:11	0.7	480	336.0	9.0	7.36	45.2	YES	775
19 / 03:21	0.72	484	348.5	9.5	7.17	41.0	YES	2715
20 / 02:05	0.73	480	350.4	9.8	7.11	39.4	YES	886
21 / 20:24	0.73	480	350.4	10.0	7.11	38.9	YES	944
22 / 06:51	0.74	514	380.4	10.0	7.48	44.3	YES	788
23 / 03:57	0.73	523	381.8	10.0	7.38	42.7	YES	703
24 / 03:01	0.67	521	349.1	10.2	7.58	44.9	YES	808
25 / 05:04	0.66	482	318.1	10.2	8.31	58.2	YES	808
26 / 04:49	0.66	488	322.1	10.0	8.32	59.3	YES	847
27 / 02:45	0.64	432	276.5	10.0	7.47	43.7	YES	866
28 / 13:30	0.68	438	297.8	10.2	7.31	40.9	YES	730
29 / 11:53	0.68	468	318.2	10.0	7.42	43.1	YES	716
30 / 03:33	0.66	457	301.6	10.0	7.44	43.3	YES	749
X	X	X	X	X	X	X	X	X

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 Apr 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.257		6.4		0.422	33.6
2	0.690		4.0		0.264	38.3
3	0.745		5.6		0.370	49.6
4	1.171		2.7		0.178	15.2
5	0.945		4.9		0.323	34.2
6	1.284		7.0		0.462	36.0
7	0.470		4.2		0.277	59.0
8	0.922		3.8		0.251	27.2
9	1.330		4.0		0.264	19.8
10	0.885		4.2		0.277	31.3
11	1.315		5.3		0.350	26.6
12	0.707		5.6		0.370	52.3
13	1.435		4.1		0.271	18.9
14	1.135		6.2		0.409	36.1
15	0.953		8.0		0.528	55.4
16	0.915		4.1		0.271	29.6
17	1.321		4.1		0.271	20.5
18	0.943		7.3		0.482	51.1
19	1.009		5.6		0.370	36.6
20	1.192		3.0		0.198	16.6
21	0.910		8.0		0.528	58.0
22	1.025		2.8		0.185	18.0
23	1.460		8.8		0.581	39.8
24	0.860		3.1		0.205	23.8
25	0.605		5.8		0.383	63.3
26	1.328		4.7		0.310	23.4
27	0.971		7.4		0.488	50.3
28	1.040		4.7		0.310	29.8
29	1.059		3.8		0.251	23.7
30	0.971		4.0		0.264	27.2
Total	30.853		153.2		10.111	32.8
Average	1.028		5.1		0.326	34.8

