

OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **May-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	0.03	0.03	0.03	0.05
2	OFF	OFF	0.03	0.03	0.03	OFF	0.05
3	OFF	OFF	0.03	0.03	0.04	OFF	0.07
4	OFF	OFF	0.04	0.04	0.03	OFF	0.04
5	OFF	OFF	OFF	0.13	0.05	0.03	0.13
6	OFF	OFF	0.03	0.04	OFF	OFF	0.06
7	OFF	OFF	0.04	0.03	0.03	0.04	0.04
8	OFF	OFF	0.04	0.04	0.04	OFF	0.07
9	OFF	OFF	0.04	0.04	0.04	0.04	0.05
10	OFF	OFF	OFF	0.03	0.03	OFF	0.05
11	OFF	OFF	0.04	0.03	0.03	OFF	0.04
12	OFF	OFF	OFF	0.03	0.03	OFF	0.06
13	OFF	OFF	0.04	0.04	0.03	OFF	0.05
14	OFF	0.04	0.03	OFF	0.04	0.04	0.06
15	OFF	OFF	OFF	0.03	0.03	OFF	0.04
16	0.03	OFF	OFF	0.03	0.03	OFF	0.05
17	OFF	OFF	0.03	0.03	0.03	OFF	0.04
18	OFF	OFF	0.03	0.03	0.03	OFF	0.05
19	OFF	OFF	0.03	0.03	OFF	0.03	0.04
20	OFF	OFF	0.03	0.03	OFF	OFF	0.04
21	OFF	OFF	0.02	0.03	0.03	OFF	0.05
22	OFF	OFF	0.03	0.03	0.03	OFF	0.04
23	OFF	OFF	0.03	0.04	0.03	0.03	0.05
24	OFF	OFF	0.03	0.03	OFF	OFF	0.05
25	OFF	OFF	0.03	0.03	0.03	0.03	0.04
26	OFF	OFF	0.03	0.03	OFF	OFF	0.05
27	OFF	OFF	0.03	0.03	0.03	OFF	0.04
28	OFF	OFF	0.03	0.03	0.03	OFF	0.04
29	OFF	OFF	0.03	0.04	OFF	OFF	0.20
30	OFF	OFF	0.08	0.07	0.03	0.03	0.24
31	OFF	OFF	0.03	0.03	OFF	OFF	0.04

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)

Yes No

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

Yes No

Notes:

PRINTED NAME: Guy Davis

SIGNATURE: 

06/01/2022

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:	May-22	Disinfection <i>Giardia</i> Log Inactiv:	1
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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]
01 / 19:21	0.68	484	329.1	10.0	7.36	42.2	YES	756
02 / 00:56	0.69	468	322.9	10.0	7.88	50.8	YES	814
03 / 22:13	0.67	477	319.6	10.0	7.81	49.4	YES	899
04 / 09:32	0.72	455	327.6	11.0	7.60	43.2	YES	1101
05 / 09:00	0.7	437	305.9	10.5	7.43	42.0	YES	1257
06 / 22:56	0.7	460	322.0	10.5	7.37	41.1	YES	1179
07 / 08:16	0.68	536	364.5	10.5	7.30	40.0	YES	1303
08 / 21:37	0.68	522	355.0	10.2	7.19	39.3	YES	795
09 / 06:02	0.68	464	315.5	10.2	7.39	42.1	YES	873
10 / 02:53	0.65	425	276.3	10.5	7.55	43.5	YES	1120
11 / 08:26	0.66	435	287.1	10.5	7.58	44.0	YES	899
12 / 03:06	0.64	448	286.7	10.0	8.00	52.7	YES	853
13 / 19:47	0.65	452	293.8	11.0	7.82	46.3	YES	723
14 / 14:08	0.64	443	283.5	10.5	7.88	48.8	YES	710
15 / 05:48	0.63	433	272.8	11.0	7.75	45.1	YES	716
16 / 20:30	0.63	427	269.0	11.0	7.53	41.7	YES	860
17 / 04:18	0.64	433	277.1	11.0	7.39	39.8	YES	1335
18 / 03:50	0.62	425	263.5	11.2	7.39	39.2	YES	1387
19 / 05:05	0.63	432	272.2	11.2	7.34	38.5	YES	977
20 / 14:50	0.63	420	264.6	11.0	7.56	42.2	YES	1498
21 / 06:31	0.63	423	266.5	11.0	7.64	43.3	YES	1361
22 / 05:37	0.63	431	271.5	11.5	7.66	42.2	YES	1074
23 / 04:28	0.63	422	265.9	11.5	7.60	41.4	YES	1407
24 / 06:15	0.63	451	284.1	12.0	7.65	40.7	YES	925
25 / 07:16	0.63	448	282.2	12.2	7.56	39.0	YES	1543
26 / 10:32	0.63	440	277.2	12.5	7.62	38.8	YES	1068
27 / 00:52	0.61	428	261.1	12.0	7.61	40.1	YES	775
28 / 06:07	0.68	416	282.9	12.2	7.57	39.3	YES	690
29 / 20:17	0.61	414	252.5	12.5	7.19	33.0	YES	769
30 / 04:34	0.63	539	339.6	11.5	7.39	38.5	YES	690
31 / 06:48	0.64	475	304.0	12.5	7.21	33.4	YES	690

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 May 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.075		6.6		0.436	40.5
2	0.923		3.7		0.244	26.5
3	1.024		7.6		0.502	49.0
4	1.071		3.2		0.211	19.7
5	1.116		7.0		0.462	41.4
6	0.705		4.6		0.304	43.1
7	1.015		4.8		0.317	31.2
8	0.957		5.1		0.337	35.2
9	1.121		3.3		0.218	19.4
10	0.998		4.7		0.310	31.1
11	0.947		4.7		0.310	32.8
12	0.965		4.8		0.317	32.8
13	0.888		7.1		0.469	52.8
14	1.218		3.7		0.244	20.0
15	0.905		3.8		0.251	27.7
16	0.814		6.3		0.416	51.1
17	0.915		5.8		0.383	41.8
18	1.110		4.7		0.310	27.9
19	1.082		3.1		0.205	18.9
20	0.657		5.4		0.356	54.2
21	1.170		5.4		0.356	30.5
22	0.928		5.4		0.356	38.4
23	1.441		7.2		0.475	33.0
24	0.656		4.5		0.297	45.3
25	1.317		6.4		0.422	32.1
26	0.855		5.4		0.356	41.7
27	1.204		6.2		0.409	34.0
28	0.951		5.6		0.370	38.9
29	0.858		3.9		0.257	30.0
30	1.306		6.9		0.455	34.9
31	0.733		4.0		0.264	36.0
Total	30.925		160.9		10.619	34.3
Average	0.998		5.2		0.343	35.2

