

OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Sep-24**

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	0.05	0.05	0.04	OFF	0.06
2	0.04	OFF	0.05	0.05	OFF	0.05	0.25
3	OFF	0.04	0.05	0.05	OFF	0.05	0.19
4	OFF	0.04	0.05	0.05	OFF	0.05	0.22
5	OFF	0.05	0.06	0.06	0.05	0.06	0.07
6	OFF	0.06	0.06	0.06	OFF	0.05	0.18
7	OFF	0.05	0.05	0.05	OFF	0.05	0.06
8	OFF	0.06	0.06	0.05	0.07	OFF	0.11
9	0.05	OFF	0.06	0.07	OFF	0.05	0.16
10	OFF	0.06	0.06	0.05	OFF	0.05	0.09
11	OFF	OFF	0.05	0.05	0.06	OFF	0.09
12	0.06	OFF	0.07	0.06	0.08	OFF	0.18
13	0.07	OFF	0.06	0.06	0.09	0.04	0.28
14	OFF	OFF	0.05	0.06	OFF	0.07	0.07
15	OFF	OFF	0.06	0.06	OFF	0.07	0.07
16	OFF	OFF	0.06	0.05	OFF	0.05	0.12
17	OFF	OFF	0.05	0.05	OFF	0.05	0.06
18	OFF	0.06	0.06	OFF	0.04	OFF	0.21
19	0.06	0.07	0.07	0.06	0.08	0.05	0.12
20	OFF	0.04	0.04	0.09	OFF	0.04	0.09
21	0.04	OFF	0.04	0.04	OFF	0.04	0.09
22	0.04	OFF	0.04	0.04	OFF	0.04	0.12
23	0.04	OFF	0.04	0.05	0.05	OFF	0.05
24	0.04	0.04	0.04	0.05	0.04	0.04	0.11
25	OFF	0.04	0.04	OFF	0.04	OFF	0.07
26	OFF	0.04	0.07	OFF	0.21	0.17	0.25
27	OFF	OFF	0.16	0.07	0.06	OFF	0.18
28	0.05	OFF	0.06	0.06	0.06	OFF	0.09
29	0.06	OFF	0.08	0.07	OFF	0.05	0.11
30	OFF	OFF	0.04	OFF	0.04	OFF	0.23
31	XXX	XXX	XXX	XXX	XXX	XXX	XXX

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: 

DATE: **10/01/24**

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

System Name: SILVERTON, CITY OF					ID#: 41	00823	Month/Year: Sep-24	WTP -: A	Disinfection <i>Giardia</i> Log Inactiv: 0.5
---------------------------------	--	--	--	--	---------	-------	--------------------	----------	--

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 / 01:38	0.72	291	209.5	17.1	7.33	13.0	YES	1276
02 / 18:24	0.71	297	210.9	17.6	7.26	12.2	YES	879
03 / 18:01	0.72	309	222.5	17.9	7.15	11.5	YES	1140
04 / 00:34	0.72	288	207.4	18.0	7.06	11.0	YES	1231
05 / 11:46	0.7	277	193.9	17.9	7.34	12.3	YES	1198
06 / 09:44	0.58	303	175.7	18.5	7.07	10.5	YES	1198
07 / 10:27	0.56	304	170.2	18.9	7.29	11.1	YES	1276
08 / 06:06	0.71	295	209.5	18.4	7.42	12.3	YES	1824
09 / 11:03	0.68	300	204.0	19.5	7.24	10.6	YES	1198
10 / 09:41	0.59	289	170.5	18.8	7.15	10.6	YES	1244
11 / 09:57	0.59	384	226.6	18.5	6.99	10.2	YES	1172
12 / 06:37	0.63	360	226.8	17.7	7.36	12.5	YES	912
13 / 09:27	0.55	331	182.1	17.4	6.85	10.4	YES	1231
14 / 05:27	0.6	351	210.6	17.3	8.25	17.7	YES	1048
15 / 21:06	0.59	351	207.1	17.8	7.63	13.6	YES	886
16 / 09:48	0.49	368	180.3	16.7	7.18	12.3	YES	1081
17 / 09:36	0.5	348	174.0	16.5	7.57	14.4	YES	912
18 / 00:44	0.64	358	229.1	16.3	7.37	13.7	YES	1437
19 / 08:28	0.51	358	182.6	16.3	7.20	12.7	YES	1309
20 / 19:32	0.62	363	225.1	16.4	7.22	12.9	YES	1107
21 / 17:19	0.65	347	225.6	15.6	7.55	15.4	YES	1068
22 / 09:21	0.51	353	180.0	15.1	7.05	13.0	YES	1218
23 / 21:37	0.66	355	234.3	15.6	7.10	13.1	YES	925
24 / 10:06	0.64	375	240.0	16.2	7.14	12.7	YES	1140
25 / 09:33	0.53	361	191.3	16.5	7.22	12.7	YES	1303
26 / 06:05	0.59	349	205.9	16.6	7.43	13.7	YES	911
27 / 23:48	0.55	346	190.3	16.3	7.36	13.6	YES	996
28 / 03:05	0.56	356	199.4	16.1	7.46	14.3	YES	885
29 / 08:45	0.48	349	167.5	15.5	8.16	19.1	YES	860
30 / 09:46	0.6	349	209.4	15.2	7.24	14.0	YES	892
XXX	XXX	XXX	#VALUE!	XXX	XXX	#VALUE!	#VALUE!	XXX

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 24

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.908		12.3		0.812	42.5
2	1.885		12.2		0.805	42.7
3	1.968		12.5		0.825	41.9
4	1.985		12.4		0.818	41.2
5	2.099		13.7		0.904	43.1
6	1.974		12.4		0.818	41.5
7	2.175		12.5		0.825	37.9
8	1.897		12.6		0.832	43.8
9	2.106		12.5		0.825	39.2
10	1.788		11.0		0.726	40.6
11	1.699		11.1		0.733	43.1
12	1.731		10.8		0.713	41.2
13	1.792		15.9		1.049	58.6
14	1.723		15.4		1.016	59.0
15	1.767		11.0		0.726	41.1
16	1.652		10.9		0.719	43.5
17	1.885		10.9		0.719	38.2
18	1.691		10.6		0.700	41.4
19	1.767		11.3		0.746	42.2
20	1.578		10.4		0.686	43.5
21	1.647		10.7		0.706	42.9
22	1.782		11.1		0.733	41.1
23	1.717		10.9		0.719	41.9
24	1.780		10.7		0.706	39.7
25	1.577		10.0		0.660	41.9
26	1.570		9.7		0.640	40.8
27	1.545		9.6		0.634	41.0
28	1.480		9.4		0.620	41.9
29	1.651		10.0		0.660	40.0
30	1.503		10.0		0.660	43.9
Total	53.322		344.5		22.737	42.6
Average	1.777		11.5		0.758	42.7

