

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **May-21**

Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day <sup>1</sup> [NTU]
1	OFF	OFF	0.03	0.03	OFF	0.04	0.05
2	OFF	OFF	0.03	0.03	OFF	0.03	0.04
3	0.03	OFF	0.04	0.03	0.03	0.03	0.05
4	OFF	0.03	0.03	OFF	0.03	0.03	0.05
5	OFF	0.03	0.03	OFF	0.03	0.03	0.05
6	OFF	0.03	0.03	0.03	0.03	0.03	0.04
7	OFF	0.03	0.03	0.03	0.03	0.03	0.04
8	OFF	OFF	0.03	0.03	0.03	0.03	0.05
9	0.03	OFF	0.03	OFF	0.03	0.03	0.05
10	OFF	OFF	0.03	OFF	0.04	0.04	0.05
11	0.03	0.03	0.03	OFF	0.03	0.03	0.04
12	OFF	OFF	0.03	0.03	0.03	0.03	0.04
13	0.01	OFF	0.03	0.03	0.03	0.03	0.03
14	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15	0.03	0.03	0.03	0.03	0.03	0.03	0.05
16	0.03	OFF	0.03	0.03	0.03	0.03	0.04
17	0.03	0.03	0.03	0.03	0.03	0.03	0.04
18	0.03	0.03	0.03	0.03	0.03	0.03	0.04
19	0.03	OFF	0.04	OFF	0.03	0.03	0.05
20	0.03	0.03	0.03	0.03	0.03	0.03	0.05
21	0.03	0.03	0.03	OFF	0.03	0.03	0.05
22	0.03	OFF	0.03	0.03	0.03	0.03	0.05
23	0.03	OFF	0.03	0.03	0.03	0.03	0.05
24	OFF	0.03	0.03	0.03	0.03	0.03	0.04
25	0.03	OFF	0.03	OFF	0.04	0.04	0.05
26	0.04	0.04	0.03	0.03	0.03	0.03	0.04
27	0.03	0.03	0.03	0.03	0.03	0.03	0.05
28	0.03	0.03	0.03	OFF	0.03	0.03	0.10
29	0.03	OFF	0.03	0.03	0.03	0.03	0.06
30	OFF	OFF	0.03	0.04	0.03	0.03	0.06
31	OFF	OFF	0.03	0.03	0.03	0.03	0.06

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 < IFE<sup>2</sup> triggers  Yes /  No

CT's met everyday? (see back)  Yes /  No

All Cl<sub>2</sub> residual at entry point ≥ 0.2 mg/l?  Yes /  No

Notes:

PRINTED NAME: Bradley Jensen  
 SIGNATURE: [Signature] DATE: 6/1/2021  
 PHONE #: (503) 873 5439 CERT #: 1-08713

<sup>1</sup> 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. <sup>2</sup> IFE = Individ. Filter Effl. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - :	A
Disinfection <i>Giardia</i> Log Inactiv:	1

System Name: SILVERTON, CITY OF ID#: 41 00823 Month/Year:

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1/9:30	0.68	474	322.3	12.0	7.89	44.6	YES	703
2/9:39	0.68	459	312.1	12.0	7.92	45.0	YES	821
3/11:38	0.71	442	313.8	12.0	8.10	48.2	YES	899
4/12:08	0.7	436	305.2	12.0	7.85	44.0	YES	1211
5/13:04	0.67	474	317.6	12.5	7.88	42.9	YES	1159
6/13:04	0.66	444	293.0	13.5	7.52	35.1	YES	977
7/13:04	0.67	442	296.1	13.0	4.45	11.5	YES	1445
8/13:04	0.67	485	325.0	13.0	7.43	35.2	YES	820
9/13:06	0.68	437	297.2	13.0	7.38	34.6	YES	846
10/13:05	0.68	423	287.6	12.0	7.26	35.8	YES	1680
11/13:06	0.68	418	284.2	12.0	7.27	35.9	YES	1139
12/10:00	0.67	418	280.1	12.0	7.25	35.6	YES	16.02
13/9:49	0.7	479	335.3	12.5	7.20	33.5	YES	1732
14/8:26	0.71	469	333.0	13.0	7.48	36.0	YES	1556
15/6:02	0.7	431	301.7	15.0	7.22	28.6	YES	1055
16/4:13	0.7	450	315.0	15.0	7.34	29.9	YES	990
17/3:04	0.65	462	300.3	15.5	7.28	28.1	YES	1139
18/11:50	0.64	457	292.5	15.5	7.30	28.3	YES	1074
19/11:29	0.64	460	294.4	15.5	7.32	28.5	YES	1680
20/12:14	0.66	455	300.3	15.0	7.50	31.5	YES	997
21/12:44	0.69	462	318.8	14.5	7.54	33.2	YES	970
22/10:45	0.69	465	320.9	14.0	7.52	34.1	YES	1110
23/9:19	0.7	469	328.3	15.0	7.56	32.4	YES	938
24/4:19	0.68	460	312.8	15.0	7.62	33.1	YES	938
25/11:52	0.67	462	309.5	15.5	7.60	31.7	YES	1237
26/12:31	0.64	461	295.0	15.0	7.61	32.8	YES	1048
27/8:56	0.65	476	309.4	15.0	7.54	32.0	YES	885
28/11:00	0.64	518	331.5	15.0	7.51	31.6	YES	1003
29/4:08	0.62	514	318.7	15.5	7.48	30.1	YES	990
30/4:09	0.58	516	299.3	15.5	7.44	29.6	YES	1185
31/4:10	0.61	469	286.1	15.0	7.60	32.5	YES	1291

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013

STATE **OR** COUNTY **Marion** RIVER **May 2021**  
 TIME (local) OF OBSERVATION RIVER **08:00** PRECIPITATION **08:00** STANDARD TIME IN USE **08:00**  
 TYPE OF RIVER GAGE **GAGE ZERO** ELEVATION OF RIVER **08:00** FLOOD STAGE **08:00** NORMAL POOL STAGE **08:00**

**RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS**

DATE	24 HRS ENDING AT OBSERVATION		AT OBSV	24 HR AMOUNTS AT OB			PRECIPITATION												WEATHER (Observation Day)	RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS ETC.)										
	MAX	MIN		Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins. and tenths)	Snow, ice pellets, hail ice on ground (in)	Draw a straight line (-----) through hours precipitation was observed and a wavy line (~~~~~) through hours precipitation probably occurred unobserved													Condition	Gage reading at _____ AM	Tendency											
1	71	47	0.30				1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11					
2	57	46	0.02																														
3	63	46	0.00																														
4	64	49	0.10																														
5	66	45	0.00																														
6	75	48	0.00																														
7	66	44	0.13																														
8	60	38	0.08																														
9	59	42	0.00																														
10	63	48	0.00																														
11	67	45	0.00																														
12	72	49	0.00				1	2	3	4	5	6	7	8	9	10	11																
13	77	51	0.00																														
14	80	49	0.00																														
15	76	49	0.00																														
16	79	45	0.00																														
17	78	47	0.00																														
18	64	43	0.01																														
19	60	41	0.15																														
20	58	39	0.20																														
21	66	44	0.01																														
22	70	47	0.01				1	2	3	4	5	6	7	8	9	10	11																
23	63	50	0.10																														
24	65	48	0.20																														
25	62	45	0.08																														
26	72	42	0.12																														
27	62	48	0.13																														
28	66	45	0.00																														
29	78	50	0.00																														
30	80	56	0.00																														
31	84	62	0.00																														
68.5	46.7	SUM	1.64																														

CONDITION OF RIVER AT GAGE

READING DATE

WEATHER (Observation Day) Mark 'X' for all types occurring each day

Ice pellets

Glaze

Thunder

Hail

Damaging winds

Time of occurrence if different from above

Condition

Gage reading at \_\_\_\_\_ AM

Tendency

REMARKS (SPECIAL OBSERVATIONS ETC.)

SUPERVISING OFFICE **POB Portland**

STATION INDEX NO. **35-7823-02**

A. Obstructed by rough ice  
 B. Frozen, but open at gage  
 C. Upper surface smooth ice  
 D. Ice gorge above gage  
 E. Ice gorge below gage  
 F. Shore ice  
 G. Flooding ice  
 H. Pool stage

**City of Silverton Water Treatment Plant**  
Flow Report for May 2021

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	1.545		6.6		0.436	28.2
2	1.621		7.0		0.462	28.5
3	1.555		6.3		0.416	26.7
4	1.740		7.3		0.482	27.7
5	1.466		6.7		0.442	30.2
6	1.719		6.8		0.449	26.1
7	1.717		6.9		0.455	26.5
8	1.625		6.6		0.436	26.8
9	1.505		6.5		0.429	28.5
10	2.022		6.5		0.429	21.2
11	1.560		6.6		0.436	27.9
12	1.758		6.6		0.436	24.8
13	1.987		18.7		1.234	62.1
14	1.956		10.3		0.680	34.8
15	1.678		6.2		0.409	24.4
16	1.922		10.2		0.673	35.0
17	1.898		13.0		0.858	45.2
18	2.030		8.5		0.561	27.6
19	1.935		8.5		0.561	29.0
20	2.147		8.6		0.568	26.4
21	1.764		8.7		0.574	32.6
22	1.712		8.2		0.541	31.6
23	1.625		8.4		0.554	34.1
24	1.730		9.6		0.634	36.6
25	2.017		8.8		0.581	28.8
26	2.080		10.9		0.719	34.6
27	1.889		9.2		0.607	32.1
28	1.783		8.3		0.548	30.7
29	1.545		10.6		0.700	45.3
30	1.507		12.7		0.838	55.6
31	2.096		12.7		0.838	40.0
Total			272.5		17.985	#DIV/0!
Average			8.8		0.580	32.6

