

OHA - Drinking Water Services -Turbidity Monitoring Report Form

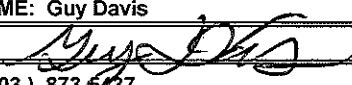
County: **MARION**

Conventional or Direct Filtration

Month/Year: **Jan-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	0.03	OFF	0.03	0.03	OFF	OFF	0.06
2	0.03	0.03	OFF	OFF	OFF	OFF	0.06
3	OFF	OFF	0.03	0.03	0.03	0.03	0.03
4	0.03	OFF	0.03	0.05	0.05	OFF	0.06
5	OFF	OFF	0.04	0.04	0.04	0.04	0.04
6	OFF	OFF	0.04	0.05	0.05	0.03	0.06
7	OFF	OFF	0.04	0.05	0.07	OFF	0.16
8	OFF	OFF	0.05	0.06	0.06	0.05	0.17
9	OFF	OFF	OFF	0.06	0.05	OFF	0.08
10	OFF	OFF	OFF	0.05	0.04	0.05	0.09
11	OFF	NO	TREATMENT	PLANT	MAJOR	UPSET	0.00
12	OFF	OFF	OFF	OFF	OFF	0.07	0.10
13	0.04	0.04	0.04	0.04	0.04	0.04	0.09
14	OFF	OFF	0.04	0.04	0.05	OFF	0.09
15	OFF	OFF	OFF	0.03	0.03	0.02	0.22
16	0.02	OFF	OFF	0.03	OFF	OFF	0.04
17	OFF	OFF	0.02	0.02	0.02	OFF	0.04
18	OFF	OFF	0.02	0.03	0.03	OFF	0.09
19	OFF	OFF	0.03	0.03	OFF	OFF	0.05
20	OFF	OFF	0.02	0.03	0.02	0.02	0.05
21	OFF	OFF	0.02	0.02	0.02	OFF	0.06
22	OFF	OFF	0.02	0.02	0.02	OFF	0.05
23	OFF	OFF	0.02	0.02	0.02	0.02	0.04
24	OFF	OFF	OFF	0.02	0.05	OFF	0.09
25	OFF	OFF	0.03	0.03	0.11	0.04	0.29
26	OFF	OFF	0.03	0.05	0.03	OFF	0.12
27	OFF	OFF	0.03	0.03	0.04	OFF	0.04
28	OFF	OFF	0.03	0.03	0.04	0.06	0.07
29	OFF	OFF	0.05	0.03	OFF	OFF	0.07
30	OFF	OFF	0.03	0.04	0.06	OFF	0.07
31	OFF	OFF	0.05	0.05	0.04	0.04	0.23

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) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
All 4-hour turbidity readings ≤ 1 NTU? <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: 	DATE: 02/03/22
	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
Disinfection <i>Giardia</i> Log Inactiv:	1

System Name: SILVERTON, CITY OF ID#: 41 00823 Month/Year: Jan-22

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 / 23:59	0.73	535	390.6	9.0	7.46	47.0	YES	801
02 / 17:28	0.71	542	384.8	8.5	7.46	48.4	YES	1062
03 / 4:11	0.73	621	453.3	8.5	7.26	45.2	YES	1081
04 / 05:37	0.7	536	375.2	8.0	7.27	46.8	YES	1042
05 / 17:16	0.67	521	349.1	7.5	7.08	45.1	YES	912
06 / 00:30	0.66	546	360.4	9.0	7.23	43.0	YES	912
07 / 12:04	0.65	474	308.1	8.0	7.18	45.1	YES	905
08 / 05:06	0.65	730	474.5	8.0	7.22	45.7	YES	827
09 / 05:28	0.64	522	334.1	8.0	7.19	45.2	YES	847
10 / 05:10	0.64	533	341.1	8.0	6.98	41.9	YES	1016
11 / 08:11	0.66	496	327.4	8.0	7.08	43.5	YES	1003
12 / 02:41	0.66	520	343.2	9.5	7.40	44.1	YES	1023
13 / 05:23	0.67	507	339.7	10.0	7.64	46.5	YES	1576
14 / 06:15	0.67	493	330.3	9.5	7.53	46.3	YES	2175
15 / 08:48	0.65	473	307.5	9.0	7.16	41.9	YES	801
16 / 08:31	0.69	464	320.2	9.0	8.04	57.5	YES	795
17 / 03:37	0.68	490	333.2	8.5	8.60	72.9	YES	925
18 / 01:33	0.66	476	314.2	8.5	7.54	49.6	YES	964
19 / 02:53	0.63	470	296.1	9.5	7.36	43.4	YES	912
20 / 06:07	0.57	503	286.7	9.5	7.00	38.0	YES	1029
21 / 08:24	0.62	468	290.2	9.0	7.21	42.5	YES	1367
22 / 19:52	0.62	487	301.9	9.0	7.30	43.8	YES	1367
23 / 14:53	0.61	467	284.9	9.5	7.48	45.1	YES	1381
24 / 19:12	0.61	499	304.4	8.0	7.46	49.5	YES	1257
25 / 06:30	0.59	482	284.4	8.0	7.58	51.6	YES	1205
26 / 10:58	0.57	480	273.6	8.0	7.67	53.1	YES	1309
27 / 03:30	0.55	466	256.3	8.0	7.32	46.8	YES	1680
28 / 08:57	0.53	473	250.7	7.5	7.18	45.9	YES	801
29 / 08:12	0.51	471	240.2	7.2	7.56	53.5	YES	827
30 / 08:49	0.52	461	239.7	7.5	7.45	50.5	YES	944
31 / 09:03	0.55	462	254.1	7.0	7.38	51.1	YES	964

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 Jan 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.		MGD	%
1	0.717		7.2		0.475	66.3
2	1.466		4.4		0.290	19.8
3	0.651		6.7		0.442	67.9
4	1.246		3.2		0.211	17.0
5	1.014		6.0		0.396	39.1
6	0.863		4.8		0.317	36.7
7	1.475		5.6		0.370	25.1
8	0.624		4.8		0.317	50.8
9	1.050		6.2		0.409	39.0
10	0.609		4.7		0.310	50.9
11	1.128		9.4		0.620	55.0
12	1.305		4.3		0.284	21.7
13	0.985		5.4		0.356	36.2
14	1.240		5.9		0.389	31.4
15	1.200		6.4		0.422	35.2
16	0.671		6.3		0.416	62.0
17	1.126		5.5		0.363	32.2
18	1.048		4.2		0.277	26.5
19	0.689		4.3		0.284	41.2
20	1.238		8.7		0.574	46.4
21	1.112		4.9		0.323	29.1
22	0.804		4.1		0.271	33.7
23	1.421		6.0		0.396	27.9
24	0.778		6.0		0.396	50.9
25	1.426		3.4		0.224	15.7
26	1.051		7.1		0.469	44.6
27	1.063		4.3		0.284	26.7
28	1.478		6.4		0.422	28.6
29	0.687		5.8		0.383	55.7
30	0.990		3.9		0.257	26.0
31	1.220		2.9		0.191	15.7
Total	32.375		168.8		11.141	34.4
Average	1.044		5.4		0.359	37.2

