

OHA - Drinking Water Services - Turbidity Monitoring Report Form

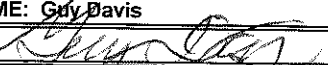
County: **MARION**

Conventional or Direct Filtration

Month/Year: **Nov-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	0.03	0.03	0.03	0.03	0.03	0.05
2	OFF	0.04	0.03	0.03	OFF	0.04	0.04
3	0.03	OFF	0.03	0.03	0.04	OFF	0.05
4	OFF	0.05	0.04	0.03	OFF	OFF	0.14
5	OFF	OFF	0.07	0.05	0.06	0.07	0.09
6	0.07	0.06	0.06	0.08	0.08	0.09	0.20
7	0.06	OFF	0.09	0.10	0.12	0.09	0.20
8	0.07	OFF	0.09	0.08	0.06	0.06	0.27
9	0.07	OFF	OFF	0.06	0.08	0.05	0.27
10	0.07	OFF	0.04	0.06	0.05	OFF	0.18
11	OFF	0.10	OFF	0.15	0.04	OFF	0.15
12	0.03	0.03	OFF	0.03	0.04	OFF	0.08
13	0.03	OFF	OFF	0.03	0.03	OFF	0.16
14	0.03	OFF	OFF	0.03	0.03	0.03	0.21
15	OFF	0.03	OFF	0.04	OFF	0.05	0.08
16	0.05	OFF	OFF	0.04	0.05	0.05	0.07
17	OFF	OFF	OFF	0.04	OFF	OFF	0.05
18	0.05	0.04	OFF	0.05	0.04	0.05	0.17
19	OFF	OFF	OFF	0.05	0.06	OFF	0.18
20	OFF	0.06	OFF	0.04	0.05	OFF	0.11
21	0.06	OFF	0.06	0.05	0.05	OFF	0.09
22	OFF	0.05	0.05	0.04	0.04	0.03	0.10
23	OFF	0.03	0.03	0.03	OFF	0.04	0.08
24	0.04	OFF	OFF	0.03	0.03	OFF	0.06
25	0.03	OFF	OFF	0.03	0.03	OFF	0.06
26	0.03	OFF	OFF	0.03	0.03	OFF	0.10
27	0.03	OFF	OFF	0.03	0.03	0.03	0.07
28	0.03	OFF	OFF	0.04	0.03	0.03	0.05
29	0.03	OFF	OFF	0.04	0.03	OFF	0.06
30	0.04	0.03	OFF	0.04	0.03	0.06	0.07

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: 
	DATE: 12/01/22
	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

System Name: SILVERTON, CITY OF						WTP - : A	
ID#: 41	00823	Month/Year: Nov-22	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 / 22:21	0.58	474	274.9	12.0	7.20	17.3	YES	951
02 / 05:43	0.54	493	266.2	11.5	7.26	18.2	YES	1159
03 / 11:13	0.54	482	260.3	11.0	7.40	19.7	YES	795
04 / 04:33	0.56	505	282.8	11.0	7.44	20.1	YES	944
05 / 09:00	0.52	498	259.0	11.0	7.61	21.2	YES	1309
06 / 22:44	0.68	645	438.6	11.0	7.46	20.5	YES	821
07 / 06:54	0.55	579	318.5	10.0	7.48	21.7	YES	866
08 / 17:30	0.52	606	315.1	11.0	7.24	18.6	YES	899
09 / 14:04	0.56	510	285.6	11.0	7.36	19.5	YES	918
10 / 00:54	0.59	519	306.2	10.5	7.78	23.4	YES	905
11 / 21:45	0.58	505	292.9	10.5	8.26	27.8	YES	886
12 / 19:12	0.58	508	294.6	10.0	7.68	23.4	YES	853
13 / 18:41	0.55	527	289.9	10.0	7.49	21.8	YES	1016
14 / 01:12	0.53	513	271.9	10.0	7.52	21.9	YES	3302
15 / 06:18	0.57	519	295.8	9.5	7.45	22.2	YES	808
16 / 23:09	0.55	505	277.8	9.0	7.51	23.4	YES	1211
17 / 10:17	0.56	497	278.3	9.0	7.37	22.3	YES	944
18 / 08:12	0.58	492	285.4	9.0	7.44	22.9	YES	950
19 / 12:30	0.6	494	296.4	9.0	7.46	23.1	YES	1263
20 / 10:02	0.6	505	303.0	9.0	7.51	23.6	YES	775
21 / 07:32	0.63	500	315.0	8.0	7.57	25.8	YES	1211
22 / 15:34	0.63	516	325.1	8.0	7.48	25.0	YES	827
23 / 05:55	0.61	508	309.9	8.0	7.31	23.5	YES	931
24 / 07:35	0.58	505	292.9	8.0	7.36	23.8	YES	717
25 / 08:29	0.63	512	322.6	8.0	7.30	23.4	YES	814
26 / 08:35	0.64	504	322.6	7.5	7.41	25.2	YES	781
27 / 08:01	0.66	582	384.1	7.5	7.44	25.6	YES	814
28 / 07:54	0.67	497	333.0	8.0	7.51	25.4	YES	905
29 / 22:51	0.67	530	355.1	8.0	7.32	23.7	YES	892
30 / 09:24	0.67	530	355.1	8.5	6.88	19.7	YES	1029

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 Nov 22

date	total flow treated		flow to High Level Reservoir		Percent of Treated Flow going to HL	
	MGD		run hrs.	MGD		%
1	1.173		5.8	0.383		32.6
2	1.030		5.8	0.383		37.2
3	1.211		5.8	0.383		31.6
4	0.530		4.6	0.304		57.3
5	1.660		7.6	0.502		30.2
6	0.925		6.6	0.436		47.1
7	1.202		6.0	0.396		32.9
8	0.686		6.4	0.422		61.6
9	1.441		6.7	0.442		30.7
10	1.334		8.1	0.535		40.1
11	1.069		6.2	0.409		38.3
12	1.055		6.1	0.403		38.2
13	1.054		6.3	0.416		39.4
14	1.231		7.7	0.508		41.3
15	1.025		5.0	0.330		32.2
16	1.259		7.2	0.475		37.7
17	1.125		5.7	0.376		33.4
18	1.113		6.3	0.416		37.4
19	1.430		7.0	0.462		32.3
20	1.013		5.8	0.383		37.8
21	1.232		7.2	0.475		38.6
22	1.054		6.8	0.449		42.6
23	1.129		4.7	0.310		27.5
24	1.104		6.0	0.396		35.9
25	1.400		6.3	0.416		29.7
26	1.204		6.3	0.416		34.5
27	1.073		6.4	0.422		39.4
28	1.134		6.2	0.409		36.1
29	1.207		6.9	0.455		37.7
30	0.905		5.9	0.389		43.0
Total	34.008		189.4	12.500		36.8
Average	1.134		6.3	0.403		#DIV/0!

