

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **MARION**

Conventional or Direct Filtration

Month/Year: **Feb-21**

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	0.05	OFF	0.05	0.05	0.06
2	OFF	OFF	0.05	OFF	0.13	0.05	0.13
3	OFF	OFF	0.05	OFF	0.05	0.05	0.06
4	OFF	OFF	0.05	OFF	0.04	0.04	0.06
5	OFF	OFF	0.04	0.05	0.04	0.04	0.12
6	OFF	OFF	0.04	OFF	0.05	0.04	0.12
7	OFF	OFF	0.04	OFF	0.05	0.05	0.06
8	OFF	OFF	0.04	OFF	0.05	0.05	0.06
9	OFF	OFF	0.04	OFF	0.05	0.05	0.10
10	OFF	OFF	0.05	OFF	0.05	0.05	0.13
11	OFF	OFF	0.05	0.04	0.04	0.04	0.12
12	OFF	OFF	0.05	OFF	0.05	0.05	0.10
13	OFF	OFF	OFF	0.04	OFF	OFF	0.10
14	OFF	OFF	OFF	OFF	0.08	OFF	0.10
15	OFF	OFF	0.05	0.05	0.07	0.05	0.27
16	0.05	0.05	0.05	0.05	0.05	OFF	0.13
17	OFF	OFF	0.07	0.05	0.05	0.04	0.08
18	0.04	0.04	0.04	0.05	0.04	OFF	0.07
19	OFF	OFF	0.05	0.04	0.04	0.04	0.09
20	0.04	0.04	0.05	0.04	0.04	OFF	0.06
21	OFF	OFF	0.04	0.05	0.04	0.04	0.07
22	0.04	0.04	0.04	0.05	0.04	OFF	0.06
23	OFF	OFF	0.04	0.05	0.04	0.04	0.06
24	OFF	OFF	0.04	0.04	0.04	OFF	0.05
25	OFF	OFF	0.04	0.05	0.04	0.04	0.05
26	0.04	0.04	0.05	0.04	0.04	0.04	0.06
27	0.04	OFF	0.04	0.05	0.04	OFF	0.06
28	0.04	OFF	0.04	OFF	0.04	0.04	0.05
29							
30							
31							

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:		Michael Downey SIGNATURE: <i>Michael Downey</i> 503-873-5437	
		3/8/2021 T-7143-FE	

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: Feb-21	WTP -: A	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]
1/09:43	0.81	484	392.0	9.0	7.43	46.9	YES	990
2/09:51	0.8	460	368.0	9.0	7.44	47.0	YES	1049
3/12:00	0.8	463	370.4	9.0	7.39	46.2	YES	1218
4/12:43	0.81	453	366.9	9.5	7.51	46.7	YES	879
5/10:13	0.81	481	389.6	9.0	7.55	48.9	YES	886
6/10:00	0.81	457	370.2	9.0	7.50	48.1	YES	853
7/13:01	0.82	465	381.3	9.0	7.56	49.2	YES	782
8/12:58	0.81	474	383.9	9.0	7.74	52.4	YES	1544
9/12:24	0.81	488	395.3	9.0	8.14	60.5	YES	1042
10/12:19	0.81	478	387.2	9.0	7.58	49.5	YES	944
11/12:13	0.8	459	367.2	8.5	7.25	45.4	YES	1452
12/09:51	0.82	490	401.8	8.5	7.41	48.2	YES	1361
13/00:00	0.79	494	390.3	8.0	7.45	50.4	YES	1351
14/12:00	0.65	492	319.8	8.0	7.42	49.0	YES	1354
15/08:00	0.7	483	338.1	8.0	7.64	53.4	YES	1381
16/08:16	0.85	491	417.4	8.0	8.38	71.0	YES	1358
17/14:19	0.78	487	379.9	8.0	8.43	71.7	YES	1370
18/15:29	0.89	489	435.2	8.5	7.10	43.5	YES	1459
19/14:07	0.76	492	373.9	8.5	7.24	45.1	YES	899
20/23:33	0.79	488	385.5	8.5	7.83	55.8	YES	1634
21/08:16	0.76	489	371.6	8.0	7.58	52.6	YES	990
22/09:02	0.63	502	316.3	9.0	7.65	49.7	YES	1068
23/10:38	0.76	484	367.8	9.0	7.44	46.8	YES	1133
24/09:46	0.67	486	325.6	9.0	7.51	47.5	YES	2175
25/10:00	0.75	498	373.5	8.5	7.60	51.2	YES	1609
26/09:45	0.73	491	358.4	7.8	7.38	49.5	YES	1358
27/12:08	0.74	489	361.9	7.8	7.97	61.2	YES	970
28/13:31	0.76	496	377.0	8.0	7.62	53.3	YES	1348
29								
30								
31								

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.