

OHA - Drinking Water Services -Turbidity Monitoring Report Form


County: **MARION**

Conventional or Direct Filtration

Month/Year: **Apr-23**

| 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 | 0.04 | 0.05 | OFF | 0.03 | OFF | 0.03 | 0.12 |
| 2 | OFF | OFF | 0.03 | 0.03 | OFF | 0.03 | 0.19 |
| 3 | OFF | OFF | 0.05 | 0.03 | OFF | OFF | 0.21 |
| 4 | 0.03 | 0.06 | OFF | 0.04 | 0.06 | OFF | 0.29 |
| 5 | 0.03 | 0.03 | OFF | 0.03 | 0.03 | OFF | 0.12 |
| 6 | 0.03 | 0.03 | 0.02 | 0.03 | OFF | 0.03 | 0.08 |
| 7 | OFF | OFF | 0.02 | 0.03 | OFF | 0.03 | 0.16 |
| 8 | OFF | OFF | 0.03 | OFF | 0.02 | 0.03 | 0.09 |
| 9 | OFF | 0.09 | 0.03 | 0.04 | 0.03 | 0.04 | 0.18 |
| 10 | OFF | OFF | OFF | 0.03 | 0.03 | OFF | 0.09 |
| 11 | OFF | 0.02 | 0.03 | 0.03 | OFF | 0.02 | 0.04 |
| 12 | 0.03 | 0.03 | OFF | 0.02 | 0.03 | OFF | 0.20 |
| 13 | 0.03 | OFF | 0.03 | 0.03 | 0.04 | OFF | 0.14 |
| 14 | 0.03 | OFF | 0.03 | 0.03 | 0.03 | OFF | 0.10 |
| 15 | OFF | 0.03 | 0.03 | OFF | 0.03 | OFF | 0.07 |
| 16 | 0.03 | 0.03 | 0.03 | 0.03 | OFF | 0.02 | 0.08 |
| 17 | OFF | OFF | OFF | 0.03 | OFF | 0.03 | 0.12 |
| 18 | OFF | 0.03 | 0.03 | 0.03 | 0.02 | OFF | 0.10 |
| 19 | 0.02 | OFF | 0.02 | 0.03 | OFF | 0.03 | 0.10 |
| 20 | OFF | 0.03 | 0.03 | 0.03 | OFF | 0.02 | 0.06 |
| 21 | OFF | OFF | 0.03 | OFF | OFF | 0.02 | 0.06 |
| 22 | 0.03 | 0.03 | OFF | 0.02 | OFF | 0.02 | 0.18 |
| 23 | OFF | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.13 |
| 24 | OFF | OFF | 0.03 | OFF | 0.05 | 0.04 | 0.18 |
| 25 | 0.05 | OFF | 0.05 | OFF | 0.04 | 0.06 | 0.27 |
| 26 | OFF | 0.06 | OFF | 0.04 | OFF | 0.05 | 0.08 |
| 27 | 0.05 | 0.04 | OFF | 0.04 | 0.11 | OFF | 0.11 |
| 28 | OFF | 0.03 | 0.04 | 0.04 | OFF | 0.04 | 0.06 |
| 29 | OFF | 0.04 | 0.06 | OFF | 0.04 | 0.03 | 0.10 |
| 30 | OFF | OFF | 0.03 | OFF | 0.03 | OFF | 0.11 |
| 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) <input checked="" type="radio"/> Yes <input type="radio"/> No | All Cl2 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: 05/01/23 |
| | 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: | 0.5 |

| | | | | | |
|--------------|--------------------|---------|-------|-------------|--------|
| System Name: | SILVERTON, CITY OF | ID#: 41 | 00823 | Month/Year: | Apr-23 |
|--------------|--------------------|---------|-------|-------------|--------|

| 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 / 06:36 | 0.72 | 455 | 327.6 | 9.0 | 7.84 | 26.9 | YES | 957 |
| 02 / 09:31 | 0.72 | 438 | 315.4 | 9.0 | 7.94 | 27.8 | YES | 1550 |
| 03 / 19:29 | 0.76 | 436 | 331.4 | 8.5 | 7.88 | 28.3 | YES | 886 |
| 04 / 07:43 | 0.75 | 487 | 365.3 | 8.0 | 7.85 | 28.9 | YES | 1224 |
| 05 / 07:57 | 0.72 | 453 | 326.2 | 8.2 | 7.59 | 25.9 | YES | 1459 |
| 06 / 15:56 | 0.73 | 457 | 333.6 | 8.5 | 7.77 | 27.1 | YES | 912 |
| 07 / 01:12 | 0.71 | 460 | 326.6 | 9.0 | 7.79 | 26.3 | YES | 1264 |
| 08 / 05:31 | 0.72 | 464 | 334.1 | 9.0 | 7.72 | 25.7 | YES | 1524 |
| 09 / 21:03 | 0.73 | 433 | 316.1 | 9.0 | 7.49 | 23.7 | YES | 684 |
| 10 / 06:42 | 0.73 | 477 | 348.2 | 8.0 | 7.74 | 27.7 | YES | 827 |
| 11 / 07:19 | 0.71 | 514 | 364.9 | 9.0 | 8.04 | 28.8 | YES | 814 |
| 12 / 06:00 | 0.74 | 435 | 321.9 | 9.0 | 7.36 | 22.7 | YES | 1452 |
| 13 / 06:37 | 0.73 | 451 | 329.2 | 9.5 | 7.15 | 20.4 | YES | 690 |
| 14 / 06:42 | 0.73 | 460 | 335.8 | 9.0 | 7.30 | 22.2 | YES | 645 |
| 15 / 04:29 | 0.72 | 458 | 329.8 | 9.0 | 7.43 | 23.2 | YES | 1422 |
| 16 / 10:57 | 0.72 | 433 | 311.8 | 9.5 | 7.55 | 23.4 | YES | 638 |
| 17 / 04:01 | 0.72 | 430 | 309.6 | 9.0 | 7.54 | 24.1 | YES | 743 |
| 18 / 06:40 | 0.7 | 436 | 305.2 | 9.0 | 7.37 | 22.7 | YES | 710 |
| 19 / 00:39 | 0.7 | 445 | 311.5 | 9.0 | 7.35 | 22.5 | YES | 690 |
| 20 / 07:47 | 0.69 | 431 | 297.4 | 8.7 | 7.46 | 23.8 | YES | 762 |
| 21 / .3:09 | 0.68 | 436 | 296.5 | 10.0 | 8.06 | 27.0 | YES | 645 |
| 22 / 03:14 | 0.69 | 444 | 306.4 | 10.0 | 7.98 | 26.3 | YES | 703 |
| 23 / 04:13 | 0.69 | 436 | 300.8 | 9.0 | 8.03 | 28.7 | YES | 710 |
| 24 / 13:20 | 0.68 | 411 | 279.5 | 10.0 | 7.35 | 21.0 | YES | 8.08 |
| 25 / 06:45 | 0.81 | 422 | 341.8 | 10.0 | 7.87 | 25.6 | YES | 905 |
| 26 / 03:27 | 0.73 | 432 | 315.4 | 10.0 | 7.67 | 23.7 | YES | 938 |
| 27 / 23:45 | 0.68 | 424 | 288.3 | 11.0 | 7.78 | 22.9 | YES | 1264 |
| 28 / 05:12 | 0.62 | 434 | 269.1 | 10.5 | 7.70 | 22.9 | YES | 736 |
| 29 / 02:26 | 0.62 | 444 | 275.3 | 11.0 | 7.78 | 22.7 | YES | 1458 |
| 30 / 03:05 | 0.59 | 437 | 257.8 | 11.0 | 7.81 | 22.9 | YES | 1993 |
| XXXXX | XXXXX | XXXXX | #VALUE! | XXXXX | XXXXX | #VALUE! | #VALUE! | XXXXX |

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 Apr 23

| date | total flow treated | | flow to High Level Reservoir | | Percent of Treated Flow going to HL | |
|---------|--------------------|--|------------------------------|--|-------------------------------------|------|
| | MGD | | run hrs. | | MGD | % |
| 1 | 1.062 | | 7 | | 0.462 | 43.5 |
| 2 | 1.360 | | 6.6 | | 0.436 | 32.0 |
| 3 | 1.127 | | 5.1 | | 0.337 | 29.9 |
| 4 | 1.224 | | 7.0 | | 0.462 | 37.7 |
| 5 | 1.192 | | 5.9 | | 0.389 | 32.7 |
| 6 | 1.227 | | 7.0 | | 0.462 | 37.7 |
| 7 | 1.190 | | 6.6 | | 0.436 | 36.6 |
| 8 | 1.078 | | 7.7 | | 0.508 | 47.1 |
| 9 | 1.385 | | 9.7 | | 0.640 | 46.2 |
| 10 | 1.106 | | 8.9 | | 0.587 | 53.1 |
| 11 | 1.197 | | 7.3 | | 0.482 | 40.3 |
| 12 | 1.130 | | 5.8 | | 0.383 | 33.9 |
| 13 | 1.269 | | 6.0 | | 0.396 | 31.2 |
| 14 | 1.227 | | 5.8 | | 0.383 | 31.2 |
| 15 | 1.253 | | 7.0 | | 0.462 | 36.9 |
| 16 | 1.219 | | 6.0 | | 0.396 | 32.5 |
| 17 | 1.106 | | 5.7 | | 0.376 | 34.0 |
| 18 | 1.184 | | 6.0 | | 0.396 | 33.4 |
| 19 | 1.231 | | 6.5 | | 0.429 | 34.8 |
| 20 | 1.243 | | 6.7 | | 0.442 | 35.6 |
| 21 | 1.230 | | 5.8 | | 0.383 | 31.1 |
| 22 | 1.204 | | 6.5 | | 0.429 | 35.6 |
| 23 | 1.055 | | 6.5 | | 0.429 | 40.7 |
| 24 | 1.218 | | 5.5 | | 0.363 | 29.8 |
| 25 | 1.419 | | 6.6 | | 0.436 | 30.7 |
| 26 | 1.286 | | 6.6 | | 0.436 | 33.9 |
| 27 | 1.217 | | 5.8 | | 0.383 | 31.5 |
| 28 | 1.259 | | 6.9 | | 0.455 | 36.2 |
| 29 | 1.303 | | 8.1 | | 0.535 | 41.0 |
| 30 | 1.334 | | 6.9 | | 0.455 | 34.1 |
| Total | 36.535 | | 199.5 | | 13.167 | |
| Average | 1.218 | | 6.7 | | 0.439 | 36.2 |

