

OHA - Drinking Water Services -Turbidity Monitoring Report Form Conventional or Direct Filtration

County: **Douglas**
Month/Year: **August, 2024**

System Name: **City of Riddle** **ID#: 41** **00706** **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 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 2 | 0.02 | 0.02 | 0.02 | Plant Off | 0.02 | 0.02 | 0.02 |
| 3 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 4 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 5 | 0.02 | 0.02 | Plant Off | 0.02 | 0.02 | 0.02 | 0.02 |
| 6 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 7 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 8 | 0.02 | 0.02 | 0.02 | Plant Off | 0.02 | 0.02 | 0.02 |
| 9 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 10 | 0.02 | 0.02 | Plant Off | 0.02 | 0.02 | 0.02 | 0.02 |
| 11 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 12 | 0.02 | 0.02 | 0.02 | Plant Off | Plant Off | Plant Off | 0.02 |
| 13 | Plant Off | Plant Off | Plant Off | 0.02 | 0.02 | 0.02 | 0.02 |
| 14 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 15 | 0.02 | 0.02 | 0.02 | Plant Off | 0.02 | Plant Off | 0.02 |
| 16 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 17 | 0.02 | 0.02 | 0.02 | Plant Off | 0.02 | 0.02 | 0.02 |
| 18 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 19 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 20 | 0.02 | 0.02 | 0.02 | Plant Off | 0.02 | 0.02 | 0.02 |
| 21 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 |
| 22 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 23 | 0.01 | 0.01 | 0.01 | Plant Off | 0.02 | 0.02 | 0.02 |
| 24 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 25 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 26 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 27 | 0.02 | 0.02 | 0.02 | Plant Off | 0.02 | 0.02 | 0.02 |
| 28 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 29 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 30 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |
| 31 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |

| Conventional or Direct Filtration | Monthly Summary (Answer Yes or No) |
|---|--|
| <p>95% of 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>All 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>All turbidity readings < IFE² triggers <input checked="" type="radio"/> Yes <input type="radio"/> No</p> | <p>CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>All Cl2 residual at entry point ≥ 0.2 mg/l/? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> |

| | |
|----------------------|---|
| <p>Notes:</p> | <p>PRINTED NAME: Robert Tilton</p> <p>SIGNATURE: </p> <p>PHONE #: (541) 874-2905</p> |
| | <p>DATE: 9/1/24</p> <p>CERT #: 2604</p> |

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)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - : **A**

System Name: **City of Riddle** ID#: **41** **00706** Month/Year: **August, 2024** Disinfection *Giardia* Log Inactiv: **0.5**

| Date / Time | Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L] | Contact Time (T) [minutes] | Actual CT C X T | Temp [° C] | pH | Required CT formula | CT Met? ³ Yes / No | Peak Hourly Demand Flow [GPM] |
|-------------|--|-------------------------------|---------------------------|---------------|------|------------------------|----------------------------------|----------------------------------|
| 1/ 19:00 | 0.69 | 110 | 75.9 | 25.2 | 7.54 | 8.1 | Yes | 390 |
| 2/ 23:04 | 0.8 | 110 | 88.0 | 25.0 | 6.97 | 6.7 | Yes | 414 |
| 3/ 18:25 | 0.71 | 110 | 78.1 | 26.0 | 7.24 | 6.8 | Yes | 409 |
| 4/ 23:23` | 0.78 | 110 | 85.8 | 27.0 | 7.11 | 6.1 | Yes | 398 |
| 5/ 00:15 | 0.79 | 110 | 86.9 | 25.6 | 7.29 | 7.2 | Yes | 416 |
| 6/ 16:23 | 0.77 | 110 | 84.7 | 25.1 | 7.44 | 7.9 | Yes | 391 |
| 7/ 22:37 | 0.76 | 110 | 83.6 | 24.8 | 7.19 | 7.3 | Yes | 418 |
| 8/ 23:29 | 0.81 | 110 | 89.1 | 24.2 | 7.09 | 7.4 | Yes | 428 |
| 9/ 15:59 | 0.73 | 110 | 80.3 | 24.8 | 7.34 | 7.7 | Yes | 410 |
| 10/ 23:18 | 0.79 | 110 | 86.9 | 24.3 | 6.98 | 7.0 | Yes | 415 |
| 11/ 01:17 | 0.82 | 110 | 90.2 | 24.3 | 7.25 | 7.8 | Yes | 392 |
| 12/ 08:48 | 0.67 | 110 | 73.7 | 22.3 | 7.29 | 8.9 | Yes | 385 |
| 13/ 11:10 | 0.26 | 110 | 28.6 | 23.8 | 7.54 | 8.5 | Yes | 441 |
| 14/ 19:05 | 0.71 | 110 | 78.1 | 23.4 | 7.48 | 8.9 | Yes | 435 |
| 15/ 00:03 | 0.74 | 110 | 81.4 | 23.8 | 7.23 | 7.9 | Yes | 488 |
| 16/ 22:15 | 0.65 | 110 | 71.5 | 23.1 | 7.52 | 9.2 | Yes | 421 |
| 17/ 00:00 | 0.69 | 110 | 75.9 | 23.1 | 7.00 | 7.6 | Yes | 253 |
| 18/ 22:22 | 0.63 | 110 | 69.3 | 22.6 | 6.88 | 7.5 | Yes | 404 |
| 19/ 00:13 | 0.67 | 110 | 73.7 | 22.6 | 7.11 | 8.2 | Yes | 404 |
| 20/ 00:02 | 0.82 | 110 | 90.2 | 22.3 | 7.25 | 9.0 | Yes | 280 |
| 21/ 22:12 | 0.72 | 110 | 79.2 | 22.4 | 6.83 | 7.5 | Yes | 397 |
| 22/ 17:18 | 0.79 | 110 | 86.9 | 22.4 | 7.09 | 8.3 | Yes | 399 |
| 23/ 00:01 | 0.75 | 110 | 82.5 | 21.4 | 6.96 | 8.5 | Yes | 402 |
| 24/ 22:47 | 0.67 | 110 | 73.7 | 20.9 | 6.97 | 8.7 | Yes | 394 |
| 25/ 21:31 | 0.76 | 110 | 83.6 | 20.4 | 6.71 | 8.3 | Yes | 177 |
| 26/ 20:54 | 0.81 | 110 | 89.1 | 20.7 | 6.93 | 8.8 | Yes | 173 |
| 27/ 22:51 | 0.7 | 110 | 77.0 | 20.9 | 7.03 | 8.9 | Yes | 415 |
| 28/ 15:36 | 0.65 | 110 | 71.5 | 20.4 | 7.49 | 10.9 | Yes | 406 |
| 29/ 00:34 | 0.88 | 110 | 96.8 | 20.2 | 7.21 | 10.2 | Yes | 182 |
| 30/ 20:26 | 0.73 | 110 | 80.3 | 20.8 | 7.17 | 9.5 | Yes | 383 |
| 31/ 14:03 | 0.69 | 110 | 75.9 | 22.3 | 7.40 | 9.3 | Yes | 380 |

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