

MONTH / YEAR: December 2023

**System Name:** Youngs River Lewis & Clark Water District **System ID # 4100062**

| Day     | 4AM NTU | 8 AM NTU | Noon NTU | 4 PM NTU | 8 PM NTU | 12:00 AM NTU | Highest Reading | Peak Hourly Flow |
|---------|---------|----------|----------|----------|----------|--------------|-----------------|------------------|
| 1       | 0.013   | 0.014    | 0.014    | 0.014    | 0.014    | 0.014        | 0.014           | 148              |
| 2       | 0.014   | 0.014    | 0.014    | 0.014    | 0.013    | 0.014        | 0.014           | 250              |
| 3       | 0.014   | 0.014    | 0.014    | 0.014    | 0.014    | 0.014        | 0.014           | 227              |
| 4       | 0.014   | 0.013    | OFF      | OFF      | 0.014    | 0.013        | 0.014           | 217              |
| 5       | 0.013   | 0.014    | 0.014    | 0.014    | 0.013    | 0.013        | 0.014           | 219              |
| 6       | 0.013   | 0.013    | 0.013    | 0.014    | 0.013    | 0.013        | 0.014           | 191              |
| 7       | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.014        | 0.014           | 224              |
| 8       | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 233              |
| 9       | 0.013   | 0.013    | 0.014    | 0.014    | 0.013    | 0.013        | 0.014           | 185              |
| 10      | 0.013   | 0.014    | 0.013    | 0.014    | 0.014    | 0.013        | 0.014           | 200              |
| 11      | 0.014   | 0.013    | OFF      | 0.014    | 0.014    | 0.014        | 0.014           | 190              |
| 12      | 0.014   | 0.014    | 0.014    | 0.014    | 0.014    | 0.014        | 0.014           | 190              |
| 13      | 0.014   | 0.014    | 0.014    | 0.013    | 0.014    | 0.013        | 0.014           | 252              |
| 14      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 248              |
| 15      | 0.013   | 0.013    | 0.013    | 0.014    | 0.013    | 0.014        | 0.014           | 284              |
| 16      | 0.013   | 0.014    | 0.013    | 0.013    | 0.013    | 0.013        | 0.014           | 290              |
| 17      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 238              |
| 18      | 0.013   | 0.013    | OFF      | 0.013    | 0.013    | 0.013        | 0.013           | 231              |
| 19      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 247              |
| 20      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 253              |
| 21      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 247              |
| 22      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 160              |
| 23      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 219              |
| 24      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 202              |
| 25      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 204              |
| 26      | 0.013   | 0.013    | OFF      | 0.013    | 0.013    | 0.013        | 0.013           | 201              |
| 27      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 195              |
| 28      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 208              |
| 29      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 250              |
| 30      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 268              |
| 31      | 0.013   | 0.013    | 0.013    | 0.013    | 0.013    | 0.013        | 0.013           | 265              |
| Average |         |          |          |          |          |              | 0.013           | 224              |

95% of Turb readings <.5 MCL

YES  NO

CT's meet everyday

YES  NO

Cl. Residual at entry point always: >.2

mg/l  YES  NO

All Turbidity readings < 5 NTU

YES  NO

Cl2 Measured in 95% of the distribution system

YES  NO

Are you using a Slow Sand or Cartridge Filter

YES  NO

MCL is .5 for conventional and direct filtration

MCL is 1 for slow sand and diatomaceous earth filters

Phone (503) 325-4330

Name print Carl Gifford

Signature *Carl Gifford*

Date: January 3rd, 2024

Certification #: T-08408

**Youngs River Lewis & Clark WD ID# OR410062 WTP December [2023](#)**

|             | <u>Time</u> | <u>Min. CL<sub>2</sub></u> | <u>Contact Time (Min)</u> | <u>Actual CT</u> | <u>Temp</u> | <u>pH</u> | <u>Required CT</u> | <u>Meet CT?</u> | <u>Flow</u>  |
|-------------|-------------|----------------------------|---------------------------|------------------|-------------|-----------|--------------------|-----------------|--------------|
| <u>DATE</u> |             | <u>(C) at first user</u>   | <u>(T)</u>                | <u>CxT</u>       | <u>°C</u>   |           | <u>Use Table</u>   | <u>YES/NO</u>   | <u>(GPM)</u> |
| 1           | 8:45        | 0.87                       | 86.18                     | 74.98            | 8.6         | 7.24      | 30                 | YES             | 148          |
| 2           | 10:15       | 0.92                       | 51.02                     | 46.94            | 9.1         | 6.87      | 25                 | YES             | 250          |
| 3           | 10:00       | 0.91                       | 56.19                     | 51.13            | 9.4         | 6.86      | 25                 | YES             | 227          |
| 4           | 8:30        | 0.85                       | 58.78                     | 49.96            | 9.6         | 6.84      | 25                 | YES             | 217          |
| 5           | 9:15        | 0.83                       | 58.24                     | 48.34            | 10.9        | 6.76      | 19                 | YES             | 219          |
| 6           | 9:00        | 0.7                        | 66.78                     | 46.75            | 10.6        | 7.05      | 22                 | YES             | 191          |
| 7           | 9:00        | 0.8                        | 56.94                     | 45.55            | 10.5        | 6.89      | 19                 | YES             | 224          |
| 8           | 8:30        | 0.86                       | 54.74                     | 47.08            | 10.2        | 6.88      | 19                 | YES             | 233          |
| 9           | 8:30        | 0.85                       | 68.95                     | 58.60            | 9.8         | 6.86      | 25                 | YES             | 185          |
| 10          | 8:30        | 0.9                        | 63.78                     | 57.40            | 10          | 7.33      | 22                 | YES             | 200          |
| 11          | 8:30        | 0.86                       | 67.13                     | 57.73            | 10.1        | 6.84      | 19                 | YES             | 190          |
| 12          | 9:00        | 0.91                       | 67.13                     | 61.09            | 9.9         | 6.94      | 25                 | YES             | 190          |
| 13          | 8:00        | 0.82                       | 50.62                     | 41.50            | 10          | 7.03      | 22                 | YES             | 252          |
| 14          | 9:30        | 0.92                       | 51.43                     | 47.32            | 9.9         | 6.9       | 25                 | YES             | 248          |
| 15          | 2:00        | 0.93                       | 44.91                     | 41.77            | 10.1        | 7.1       | 22                 | YES             | 284          |
| 16          | 11:00       | 0.87                       | 43.98                     | 38.27            | 9.8         | 6.82      | 24                 | YES             | 290          |
| 17          | 11:30       | 0.92                       | 53.59                     | 49.31            | 9.9         | 7.04      | 30                 | YES             | 238          |
| 18          | 8:45        | 0.98                       | 55.22                     | 54.11            | 9.9         | 6.77      | 25                 | YES             | 231          |
| 19          | 8:30        | 0.96                       | 51.64                     | 49.57            | 10          | 7.09      | 22                 | YES             | 247          |
| 20          | 8:45        | 0.89                       | 50.42                     | 44.87            | 9.9         | 6.77      | 25                 | YES             | 253          |
| 21          | 9:00        | 0.98                       | 51.64                     | 50.61            | 9.7         | 6.98      | 25                 | YES             | 247          |
| 22          | 8:30        | 0.94                       | 79.72                     | 74.94            | 9.6         | 6.94      | 25                 | YES             | 160          |
| 23          | 10:00       | 0.86                       | 58.24                     | 50.09            | 9.3         | 6.83      | 25                 | YES             | 219          |
| 24          | 8:30        | 0.90                       | 63.14                     | 56.83            | 9.4         | 6.98      | 25                 | YES             | 202          |
| 25          | 8:00        | 0.9                        | 62.52                     | 56.27            | 9.2         | 7.04      | 30                 | YES             | 204          |
| 26          | 9:00        | 0.93                       | 63.46                     | 59.02            | 9.5         | 6.79      | 25                 | YES             | 201          |
| 27          | 8:45        | 0.9                        | 65.41                     | 58.87            | 9.7         | 6.97      | 25                 | YES             | 195          |
| 28          | 8:45        | 0.93                       | 61.32                     | 57.03            | 9.9         | 6.91      | 25                 | YES             | 208          |
| 29          | 8:40        | 0.92                       | 51.02                     | 46.94            | 10.3        | 6.83      | 19                 | YES             | 250          |
| 30          | 8:30        | 0.89                       | 47.59                     | 42.36            | 10.1        | 6.89      | 19                 | YES             | 268          |
| 31          | 8:30        | 0.94                       | 48.13                     | 45.24            | 9.7         | 7.19      | 30                 | YES             | 265          |