

# Mountain Fork River at Eagletown



|                         |                    |   |                                       |
|-------------------------|--------------------|---|---------------------------------------|
| <b>Sample Record</b>    |                    | <a href="#">Biological Collections</a>          | <b>Station ID</b>                     |
| November 1998 - Current |                    | <a href="#">Gaging Data</a>                     | 410210040010-001AT                    |
| <b>Stream Data</b>      | County             | McCurtain                                       | <a href="#">Request Data by Email</a> |
|                         | Location           | East of the Town of Broken Bow on US Highway 70 |                                       |
|                         | Latitude/Longitude | 34.04168908, -94.62071144                       |                                       |
|                         | Planning Watershed | Southeast (8-digit HUC - 11140108)              |                                       |

|                  | Parameter ( <i>Descriptions</i> )     | n   | Mean  | Median | Min./Max     | p25/p75      | Comments |
|------------------|---------------------------------------|-----|-------|--------|--------------|--------------|----------|
|                  |                                       |     |       |        |              |              |          |
| <b>In-Situ</b>   | Water Temperature (°C)                | 159 | 16.6  | 16.8   | 2.6/29.5     | 12.1/21.3    |          |
|                  | Turbidity (NTU)                       | 164 | 4     | 3      | 1/29         | 2/4          |          |
|                  | pH (units)                            | 158 | 7.27  | 7.20   | 4.68/9.30    | 6.93/7.60    |          |
|                  | Dissolved Oxygen (mg/L)               | 163 | 9.33  | 9.22   | 4.99/12.85   | 8.27/10.44   |          |
|                  | Hardness (mg/L)                       | 160 | 12    | <10    | <10/93       | <10/14       |          |
| <b>Minerals</b>  | Total Dissolved Solids (mg/L)         | 197 | 21    | 21     | <10/118      | 15/25        |          |
|                  | Specific Conductivity (uS/cm)         | 158 | 28    | 32     | <10/181      | 13/36        |          |
|                  | Chloride (mg/L)                       | 126 | <10   | <10    | <10/27       | <10/<10      |          |
|                  | Sulfate (mg/L)                        | 126 | <10   | <10    | <10/15       | <10/<10      |          |
| <b>Nutrients</b> | Total Phosphorus (mg/L)               | 163 | 0.018 | 0.011  | <0.010/0.808 | <0.010/0.015 |          |
|                  | Total Nitrogen (mg/L)                 | 163 | 0.41  | 0.35   | <0.10/6.20   | 0.27/0.45    |          |
|                  | Nitrate/Nitrite (mg/L)                | 99  | 0.11  | 0.11   | <0.05/0.28   | 0.08/0.14    |          |
|                  | Chlorophyll A (mg/m <sup>3</sup> )    | 75  | 1.4   | 1.3    | <0.1/2.9     | 1.0/1.7      | TSI=33.9 |
| <b>Bacteria</b>  | Enterococcus (cfu/100ml)(* -Geo. Mn.) | 42  | 318   | 25     | <10/4000     | <10/180      |          |
|                  | E. Coli (cfu/100ml)(* -Geo. Mn.)      | 42  | 78    | 20     | <10/1956     | <10/31       |          |

| Beneficial Uses                 | <a href="#">Click to learn more about Beneficial Uses</a> | Turbidity                   | pH | Dissolved Oxygen | Metals | Sulfates | Nitrates | Chlorides | Total Dissolved Solids | Bacteria | Bio. Fish | Bio. BMI | Sediment |
|---------------------------------|---|-----------------------------|----|------------------|--------|----------|----------|-----------|------------------------|----------|-----------|----------|----------|
|                                 |   | Fish & Wildlife Propagation | S  | S                | S      | NS       |          |           |                        |          |           |          | S        |
| Aesthetics                      |   |                             |    |                  |        |          |          |           |                        |          |           |          | S        |
| Agriculture                     |   |                             |    |                  |        | S        |          | S         | S                      |          |           |          |          |
| Primary Body Contact Recreation |   |                             |    |                  |        |          |          |           |                        | S        |           |          |          |
| Public & Private Water Supply   |   |                             |    |                  | S      |          |          |           |                        |          |           |          |          |
| Fish Consumption                |   |                             |    |                  | S      |          |          |           |                        |          |           |          |          |

S = Fully Supporting  
 NS = Not Supporting  
 NEI = Not Enough Information

Notes

Fish & Wildlife Propagation not supporting for Lead and Silver