

Elm Fork of the Red River at Granite



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|----------------------|--|-------------------|
| Sample Record | Biological Collections | Station ID |
| June 2004 - Current | Gaging Data | 31180000010-002AT |

| | | | |
|--------------------|--------------------|---|---------------------------------------|
| Stream Data | County | Greer | Request Data By Email |
| | Location | South of the Town of Granite on State Highway 6 | |
| | Latitude/Longitude | 34.92637482, -99.50197667 | |
| | Planning Watershed | Southwest (8-digit HUC - 11120304) | |

| | Parameter (<i>Descriptions</i>) | n | Mean | Median | Min./Max | p25/p75 | Comments |
|------------------|---------------------------------------|-----|-------|--------|--------------|-------------|-----------|
| | | | | | | | |
| In-Situ | Water Temperature (°C) | 131 | 18.3 | 18.5 | -0.1/35.3 | 11.3/25.2 | |
| | Turbidity (NTU) | 134 | 107 | 13 | 2/>1000 | 5/34 | |
| | pH (units) | 131 | 7.88 | 7.88 | 7.20/8.91 | 7.76/8.01 | |
| | Dissolved Oxygen (mg/L) | 131 | 9.33 | 9.57 | 2.24/15.84 | 7.70/10.83 | |
| | Hardness (mg/L) | 133 | 2164 | 2150 | 240/7140 | 1715/2540 | |
| Minerals | Total Dissolved Solids (mg/L) | 248 | 12936 | 12115 | 890/40500 | 7805/15913 | |
| | Specific Conductivity (uS/cm) | 131 | 19539 | 18432 | 1413/60705 | 11852/24150 | |
| | Chloride (mg/L) | 140 | 6446 | 5795 | 192/25700 | 3095/7833 | |
| | Sulfate (mg/L) | 140 | 1389 | 1435 | 126/2520 | 1188/1593 | |
| Nutrients | Total Phosphorus (mg/L) | 93 | 0.106 | 0.027 | <0.010/1.700 | 0.015/0.053 | |
| | Total Nitrogen (mg/L) | 97 | 1.28 | 1.02 | 0.48/5.83 | 0.81/1.39 | |
| | Nitrate/Nitrite (mg/L) | 97 | 0.35 | 0.13 | <0.05/2.60 | <0.05/0.59 | |
| | Chlorophyll A (mg/m ³) | 69 | 11.5 | 5.7 | 0.3/73.9 | 3.0/12.2 | TSI=54.5 |
| Bacteria | Enterococcus (cfu/100ml)(* -Geo. Mn.) | 15 | 803 | 158 | <10/2420 | 63/1694 | Mean>OWQS |
| | E. Coli (cfu/100ml)(* -Geo. Mn.) | 15 | 2826 | 1782 | 278/15531 | 859/2492 | Mean>OWQS |

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

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

Notes
 Fish Consumption not supporting for Lead
 Fish & Wildlife Propagation not supporting for Selenium
 Public & Private Water Supply not supporting for Selenium