

Washita River at Alex



| | | | |
|-----------------------------|--------------------|--|---------------------------------------|
| Sample Record | | Biological Collections | Station ID |
| January 2003 – October 2019 | | Gaging Data | 310810020010-001AT |
| Stream Data | County | Grady | Request Data By Email |
| | Location | North of the Town of Alex on State Highway 19C | |
| | Latitude/Longitude | 34.9261546, -97.77397966 | |
| | Planning Watershed | Lower Washita (8-digit HUC - 11130303) | |

| | Parameter (<i>Descriptions</i>) | n | Mean | Median | Min./Max | p25/p75 | Comments |
|------------------|---------------------------------------|-----|-------|--------|--------------|-------------|--------------------|
| | | | | | | | |
| In-Situ | Water Temperature (°C) | 87 | 18.3 | 18.5 | 0.3/35.1 | 11.1/25.3 | |
| | Turbidity (NTU) | 87 | 261 | 83 | 6/>1000 | 26/350 | 37% of values>OWQS |
| | pH (units) | 86 | 8.08 | 8.07 | 7.22/9.26 | 7.89/8.21 | |
| | Dissolved Oxygen (mg/L) | 87 | 9.77 | 9.20 | 4.59/17.89 | 7.82/11.88 | |
| | Hardness (mg/L) | 87 | 787 | 835 | 180/1668 | 573/990 | |
| Minerals | Total Dissolved Solids (mg/L) | 113 | 1086 | 1142 | 226/1748 | 836/1359 | |
| | Specific Conductivity (uS/cm) | 86 | 1598 | 1701 | 353/2690 | 1275/1967 | |
| | Chloride (mg/L) | 89 | 83 | 85 | 11/202 | 54/106 | |
| | Sulfate (mg/L) | 89 | 620 | 650 | 151/1260 | 465/804 | |
| Nutrients | Total Phosphorus (mg/L) | 89 | 0.385 | 0.186 | <0.010/2.060 | 0.104/0.428 | |
| | Total Nitrogen (mg/L) | 89 | 1.90 | 1.53 | 0.68/5.77 | 1.17/2.22 | |
| | Nitrate/Nitrite (mg/L) | 67 | 0.42 | 0.35 | <0.05/1.80 | <0.05/0.71 | |
| | Chlorophyll A (mg/m ³) | 67 | 47.2 | 34.0 | 3.0/183.0 | 18.0/56.4 | TSI=68.4 |
| Bacteria | Enterococcus (cfu/100ml)(* -Geo. Mn.) | 24 | 1328 | 148 | <10/11000 | 41/2420 | Mean>OWQS |
| | E. Coli (cfu/100ml)(* -Geo. Mn.) | 24 | 685 | 58 | <10/9208 | <10/733 | |

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

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

Notes

Fish Consumption not supporting for Lead
 U = Assessment yielded undetermined supporting status