## Wewoka

### Sample Period | Times Visited | Sampling Sites
---|---|---
October 2014 – July 2015 | 4 | 5

### General
- **Location**: Seminole County
- **Impoundment**: 1925
- **Area**: 371 acres
- **Capacity**: 3,301 acre-feet
- **Purposes**: Water Supply, Recreation

### Parameters
**Parameter (Descriptions)** | **Result** | **Notes/Comments**
---|---|---
Average Turbidity | 18 NTU | 17% of values > 25 NTU
Average Secchi Disk Depth | 41 cm |
Water Clarity Rating | Fair |
Chlorophyll-a | 12 mg/m³ |
Trophic State Index | 55 | Previous value = 55
Trophic Class | Eutrophic |

**Profile**
- **Salinity**: 0.04 – 0.11 ppt
- **Specific Conductivity**: 95.9 – 225.1 µS/cm
- **pH**: 6.64 – 7.91 pH units
- **Oxidation-Reduction Potential**: 123.8 - 505 mV
- **Dissolved Oxygen**: Up to 38% of water column < 2.0 mg/L in July

**Nutrients**
- **Surface Total Nitrogen**: 0.67 mg/L to 0.93 mg/L
- **Surface Total Phosphorus**: 0.018 mg/L to 0.079 mg/L
- **Nitrogen to Phosphorus Ratio**: 19:1 | Phosphorus limited

### Beneficial Uses
- **Fish & Wildlife Propagation**: NS S S S
- **Aesthetics**: S *
- **Agriculture**: S S S
- **Primary Body Contact Recreation**: S
- **Public & Private Water Supply**: NS

*Standards revision, true color is for permitting purposes only.

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**NOTES**
- **NTU = nephelometric turbidity units**
- **µS/cm = microsiemens per centimeter**
- **E. coli = Escherichia coli**
- **Chlor-a = Chlorophyll-a**
- **OWQS = Oklahoma Water Quality Standards**
- **mg/L = milligrams per liter**
- **µS/cm = microsiemens/cm**
- **En = Enterococci**

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