

## Richland-Chambers Reservoir

Segment: 0836 Trinity River Basin

**Basin number:** 8  
**Basin group:** B  
**Water body description:** From Richland-Chambers Dam in Freestone County to the confluence of Pin Oak Creek on the Richland Creek Arm in Navarro County and to a point 4.0 km (2.5 miles) downstream of Tupelo Branch on the Chambers Creek Arm in Navarro County, up to normal pool elevation of 315 feet (impounds Richland and Chambers Creeks)  
**Water body classification:** Classified  
**Water body type:** Reservoir  
**Water body length / area:** 44,752 Acres  
**Water body uses:** Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

| Standards Not Met in 2004           |             |                      |           |          |
|-------------------------------------|-------------|----------------------|-----------|----------|
| Assessment Area                     | Use         | Support Status       | Parameter | Category |
| Lower portion of Chambers Creek arm | General Use | Partially Supporting | high pH   | 5c       |

**Additional Information:** The aquatic life, contact recreation, public water supply and fish consumption uses are fully supported.

| 2004 Concerns:                                  |                             |                |                          |
|---|-----------------------------|----------------|--------------------------|
| Assessment Area                                 | Use or Concern              | Concern Status | Description of Concern   |
| Confluence of Richland and Chambers Creek arms  | Nutrient Enrichment Concern | Concern        | nitrate+nitrite nitrogen |
| Lower portion of Richland Creek arm             | Algal Growth Concern        | Concern        | excessive algal growth   |
| Lowermost portion of reservoir, adjacent to dam | Nutrient Enrichment Concern | Concern        | nitrate+nitrite nitrogen |

| Monitoring sites used:                          |            |   |
|---|------------|---|
| Assessment Area                                 | Station ID | Station Description   |
| Confluence of Richland and Chambers Creek arms  | 15169      | RICHLAND-CHAMBERS RESERVOIR AT CONFLUENCE OF RICHLAND CREEK AND CHAMBERS CREEK                |
| Lower portion of Chambers Creek arm             | 15170      | RICHLAND-CHAMBERS RESERVOIR, MIDDLE SECTION OF CHAMBERS CREEK ARM NEAR TCWCID #1 PUMP STATION |
| Lower portion of Richland Creek arm             | 11068      | RICHLAND-CHAMBERS RESERVOIR, RICHLAND CREEK ARM MID-LAKE NEAR CRAB CREEK BRANCH               |
| Lowermost portion of reservoir, adjacent to dam | 15168      | RICHLAND-CHAMBERS RESERVOIR, NORTH END OF DAM   |

| <b>Monitoring sites used:</b>       |                   |  |
|-------------------------------------|-------------------|--|
| <b>Assessment Area</b>              | <b>Station ID</b> | <b>Station Description</b>                                     |
| Upper portion of Chambers Creek arm | 15199             | RICHLAND-CHAMBERS RESERVOIR UPPER END OF CHAMBERS CREEK ARM    |
| Upper portion of Richland Creek arm | 15172             | RICHLAND-CHAMBERS RESERVOIR IN UPPER END OF RICHLAND CREEK ARM |