

Ray Roberts Lake

Segment: 0840 Trinity River Basin

Basin number: 8
Basin group: B
Water body description: From Ray Roberts Dam in Denton County to a point 9.5 km (5.9 miles) upstream of the confluence of Pecan Creek in Cooke County, up to the normal pool elevation of 632.5 feet (impounds Elm Fork Trinity River)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 29,350 Acres
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

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

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Buck Creek cove	Nutrient Enrichment Concern	Concern	ammonia
Buck Creek cove	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Upper portion of Elm Fork arm	Nutrient Enrichment Concern	Concern	ammonia
Upper portion of Jordan Creek arm	Contact Recreation Use	Use Concern	bacteria
Upper portion of Jordan Creek arm	Nutrient Enrichment Concern	Concern	ammonia
Upper portion of Jordan Creek arm	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Upper portion of Jordan Creek arm	Nutrient Enrichment Concern	Concern	orthophosphorus
Upper portion of Jordan Creek arm	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Buck Creek cove	14045	RAY ROBERTS LAKE USGS SITE GC
Buck Creek cove	16822	RAY ROBERTS LAKE IN BUCK CREEK COVE AT US377, SW OF SHERMAN
Lower portion of Elm Fork arm	14041	RAY ROBERTS LAKE USGS SITE BC
Lower portion of Jordan Creek arm west of Pilot Point	14042	RAY ROBERTS LAKE USGS SITE CC
Lower portion of Jordan Creek arm west of Pilot Point	14044	RAY ROBERTS LAKE USGS SITE EC
Lowermost portion of reservoir adjacent to dam	14039	RAY ROBERTS LAKE USGS SITE AC
Lowermost portion of reservoir adjacent to dam	14040	RAY ROBERTS LAKE USGS SITE AL

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Middle portion of Elm Fork arm	14043	RAY ROBERTS LAKE USGS SITE DC
Upper portion of Elm Fork arm	14046	RAY ROBERTS LAKE USGS SITE FC
Upper portion of Elm Fork arm	16824	RAY ROBERTS LAKE AT CR3002, 13MI SOUTH OF GAINESVILLE
Upper portion of Jordan Creek arm	16823	RAY ROBERTS LAKE IN RANGE CREEK COVE AT US 377, SW OF SHERMAN