

Bardwell Reservoir

Segment: 0815 Trinity River Basin

Basin number: 8
Basin group: B
Water body description: From Bardwell Dam in Ellis County up to the normal pool elevation of 421 feet (impounds Waxahachie Creek)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 3,570 Acres
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met and Concerns in Previous Years Assessment Area	Use	Support Status or Concern	Parameter	Category
Entire reservoir	Public Water Supply Use	Threatened	atrazine in finished drinking water	4b

Parameters Removed from the 2000 303(d) List: atrazine in finished drinking water

Additional Information: The aquatic life and general uses are fully supported. The contact recreation and fish consumption uses were not assessed.

This segment was identified as a threatened water body on the 2000 303(d) List due to atrazine in finished drinking water. Because an insufficient number of atrazine samples in surface water were available in 2002 to demonstrate that the standard is no longer threatened, this segment will be identified as threatened for atrazine until sufficient data in surface water are available.

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
Entire reservoir	Public Water Supply Use	Threatened	atrazine in finished drinking water
Entire reservoir	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen

Monitoring sites used: Assessment Area	Station ID	Station Description
Entire reservoir	10979	BARDWELL RESERVOIR MID LAKE NEAR DAM
Entire reservoir	16700	BARDWELL RESERVOIR, MUSTANG CREEK ARM, AT OLD WAXAHACHIE ROAD, MID-LAKE 5.25KM SW OF ENNIS

Published studies: Publication	Date	Author
IMS 4 Bardwell Reservoir	March 1974	Twidwell, S.