

Palo Duro Reservoir (unclassified water body)

Segment: 0199A Canadian River Basin

Basin number:	1
Basin group:	A
Water body description:	From Palo Duro dam up to normal pool elevation of 2,892 feet north of Spearman in Hansford County (impounds Palo Duro Creek)
Water body classification:	Unclassified
Water body type:	Reservoir
Water body length / area:	2,410 Acres
Water body uses:	Aquatic Life Use, Contact Recreation Use, Fish Consumption Use

Standards Not Met and Concerns in Previous Years Assessment Area	Use	Support Status or Concern	Parameter	Category
Entire reservoir	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c

Additional Information: The contact recreation use is fully supported. The fish consumption use was not assessed.

This water body was identified on the 2000 303(d) List as partially supporting the aquatic life use due to depressed dissolved oxygen. Because an insufficient number of 24-hour dissolved oxygen values were available in 2002 to determine if the criterion is supported, this water body will be identified as not meeting the standard for dissolved oxygen until sufficient 24-hour measurements are available to demonstrate support of the criterion.

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
Entire reservoir	Nutrient Enrichment Concern	Concern	ammonia
Entire reservoir	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Entire reservoir	Nutrient Enrichment Concern	Concern	orthophosphorus
Entire reservoir	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used: Assessment Area	Station ID	Station Description
Entire reservoir	10005	PALO DURO RESEVOIR AT BOAT LAUNCH NEAR DAM 19 KM NORTH OF SPEARMAN