

Upper Prairie Dog Town Fork Red River

Segment: 0229 Red River Basin

Basin number:	2
Basin group:	A
Water body description:	From a point 100 meters (110 yards) upstream of the confluence of Salt Fork Creek in Armstrong County to Lake Tanglewood Dam in Randall County
Water body classification:	Classified
Water body type:	Freshwater Stream
Water body length / area:	41 Miles
Water body uses:	Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use

Standards Not Met in 2004				
Assessment Area	Use	Support Status	Parameter	Category
SH 207 to Palo Duro Canyon State Park north boundary	Contact Recreation Use	Not Supporting	bacteria	5c

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Palo Duro Canyon State Park upstream boundary to upper end of segment	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5c

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

This segment was identified on the 2000 303(d) List as not 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 segment will be identified as not meeting the standard for dissolved oxygen until sufficient 24-hour measurements are available to demonstrate support of the criterion. There were insufficient 24-hour data for 2004.

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
SH 207 to Palo Duro Canyon State Park north boundary	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
SH 207 to Palo Duro Canyon State Park north boundary	Nutrient Enrichment Concern	Concern	orthophosphorus
SH 207 to Palo Duro Canyon State Park north boundary	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Palo Duro Canyon State Park upstream boundary to upper end of segment	13773	UPPER PRAIRIE DOG TOWN FORK RED RIVER 0.5 KM UPSTREAM OF AMARILLO HOLLYWOOD RD WWTP OUTFALL; 3.8 KM DOWNSTREAM OF TANGLEWOOD DAM
SH 207 to Palo Duro Canyon State Park north boundary	10191	UPPER PRAIRIE DOG TOWN FORK RED RIVER AT SH 217 IN PALO DURO STATE PARK AT FIRST LOW WATER CROSSING

Published studies:		
Publication	Date	Author
AS 106/IS Upper Prairie Dog Town Fork Red River	May 1992	Twidwell, S