

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

**Additional Information:** The contact recreation and general uses are 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.

2002 Concerns:	Use or Concern	Concern Status	Description of Concern
Assessment Area			
SH 207 to Palo Duro Canyon State Park north boundary	Contact Recreation Use	Use Concern-Limited Data	bacteria
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

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
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

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