

Segment ID: 0229

Water body name: Upper Prairie Dog Town Fork Red River

Freshwater Stream

Red River Basin

Total size:

41 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Aquatic Life Use**

2002	Dissolved Oxygen grab average	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	7	0	
2002	Dissolved Oxygen grab average	No Concern	SH 207 to Palo Duro Canyon State Park north boundary	24	28	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	7	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	28	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	SH 207 to Palo Duro Canyon State Park north boundary	24	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	SH 207 to Palo Duro Canyon State Park north boundary	24	0		
2002	Acute Metals in water	No Concern-Limited Data	SH 207 to Palo Duro Canyon State Park north boundary	24	4	0	
2002	Chronic Metals in water	No Concern-Limited Data	SH 207 to Palo Duro Canyon State Park north boundary	24	4		
2002	Overall Aquatic Life Use	Not Assessed	Lower end of segment to SH 207	6			
2002	Overall Aquatic Life Use	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11			
2002	Overall Aquatic Life Use	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24			

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**Contact Recreation Use**

2004	E. coli single sample	No Concern-Limited Data	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	8	2	
2004	E. coli single sample	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	14	3	
2004	E. coli geometric mean	No Concern-Limited Data	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	8		60
2004	E. coli geometric mean	Not Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	14		140
2004	Fecal coliform single sample	No Concern-Limited Data	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	9	1	
2004	Fecal coliform single sample	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	28	4	
2004	Fecal coliform geometric mean	No Concern-Limited Data	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	9		48
2004	Fecal coliform geometric mean	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	28		98
2004	Overall Recreation Use	Not Assessed	Lower end of segment to SH 207	6			
2004	Overall Recreation Use	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11			
2004	Overall Recreation Use	Not Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24			

**General Use**

2002	Water Temperature	Fully Supporting	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	12	0	
2002	Water Temperature	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	28	0	

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**General Use** (continued)

2002	pH	Fully Supporting	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	12	0	
2002	pH	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	28	0	
2002	Chloride	Fully Supporting	Lower end of segment to SH 207	6	26		244
2002	Chloride	Fully Supporting	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	26		244
2002	Chloride	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	26		244
2002	Sulfate	Fully Supporting	Lower end of segment to SH 207	6	26		478
2002	Sulfate	Fully Supporting	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	26		478
2002	Sulfate	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	26		478
2002	Total Dissolved Solids	Fully Supporting	Lower end of segment to SH 207	6	58		1,702
2002	Total Dissolved Solids	Fully Supporting	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	58		1,702
2002	Total Dissolved Solids	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24	58		1,702
2002	Overall General Use	Fully Supporting	Lower end of segment to SH 207	6			
2002	Overall General Use	Fully Supporting	Palo Duro Canyon State Park upstream boundary to upper end of segment	11			
2002	Overall General Use	Fully Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24			

**Fish Consumption Use**

2002	Human Health Criteria	No Concern-Limited Data	SH 207 to Palo Duro Canyon State Park north boundary	24	4		
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**Fish Consumption Use** (continued)

2002	Overall Fish Consumption Use	Not Assessed	Lower end of segment to SH 207	6			
2002	Overall Fish Consumption Use	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11			
2002	Overall Fish Consumption Use	Not Assessed	SH 207 to Palo Duro Canyon State Park north boundary	24			

**Overall Use Support**

2004		Fully Supporting	Lower end of segment to SH 207	6			
2004		Fully Supporting	Palo Duro Canyon State Park upstream boundary to upper end of segment	11			
2004		Not Supporting	SH 207 to Palo Duro Canyon State Park north boundary	24			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	3	1	
2002	Ammonia Nitrogen	No Concern	SH 207 to Palo Duro Canyon State Park north boundary	24	21	1	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	3	0	
2002	Nitrite + Nitrate Nitrogen	Concern	SH 207 to Palo Duro Canyon State Park north boundary	24	21	13	
2002	Orthophosphorus	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	3	0	
2002	Orthophosphorus	Concern	SH 207 to Palo Duro Canyon State Park north boundary	24	22	15	
2002	Total Phosphorus	Not Assessed	Palo Duro Canyon State Park upstream boundary to upper end of segment	11	0		



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**Fish Tissue Contaminants Concern** (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	SH 207 to Palo Duro Canyon State Park north boundary	24			
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**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lower end of segment to SH 207	6			
2002	Overall Narrative Criteria Concerns	No Concern	Palo Duro Canyon State Park upstream boundary to upper end of segment	11			
2002	Overall Narrative Criteria Concerns	No Concern	SH 207 to Palo Duro Canyon State Park north boundary	24			

**Overall Secondary Concern**

2002		No Concern	Lower end of segment to SH 207	6			
2002		No Concern	Palo Duro Canyon State Park upstream boundary to upper end of segment	11			
2002		Concern	SH 207 to Palo Duro Canyon State Park north boundary	24			