

Segment ID: 0205 **Water body name: Red River Below Pease River**

Freshwater Stream

Red River Basin

Total size:

66 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	China Creek to upstream end of segment	20	6	0	
2002	Dissolved Oxygen grab average	No Concern	Wichita County line to China Creek	22	68	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	China Creek to upstream end of segment	20	6	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Wichita County line to China Creek	22	68	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	China Creek to upstream end of segment	20	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Wichita County line to China Creek	22	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	China Creek to upstream end of segment	20	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Wichita County line to China Creek	22	0		
2002	Acute Metals in water	No Concern-Limited Data	China Creek to upstream end of segment	20	7	0	
2002	Acute Metals in water	Fully Supporting	Wichita County line to China Creek	22	49	0	
2002	Chronic Metals in water	No Concern-Limited Data	China Creek to upstream end of segment	20	7		
2002	Chronic Metals in water	Fully Supporting	Wichita County line to China Creek	22	49		
2002	Overall Aquatic Life Use	Not Assessed	China Creek to upstream end of segment	20			
2002	Overall Aquatic Life Use	Not Assessed	Downstream end of segment to Wichita County line	24			
2002	Overall Aquatic Life Use	Fully Supporting	Wichita County line to China Creek	22			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	China Creek to upstream end of segment	20	0		
2002	E. coli single sample	Not Assessed	Wichita County line to China Creek	22	3	0	
2002	E. coli geometric mean	Not Assessed	China Creek to upstream end of segment	20	0		
2002	E. coli geometric mean	Not Assessed	Wichita County line to China Creek	22	3		77

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Contact Recreation Use (continued)

2002	Fecal coliform single sample	No Concern-Limited Data	China Creek to upstream end of segment	20	6	0	
2002	Fecal coliform single sample	Fully Supporting	Wichita County line to China Creek	22	16	2	
2002	Fecal coliform geometric mean	No Concern-Limited Data	China Creek to upstream end of segment	20	6		38
2002	Fecal coliform geometric mean	Fully Supporting	Wichita County line to China Creek	22	16		89
2002	Overall Recreation Use	Not Assessed	China Creek to upstream end of segment	20			
2002	Overall Recreation Use	Not Assessed	Downstream end of segment to Wichita County line	24			
2002	Overall Recreation Use	Fully Supporting	Wichita County line to China Creek	22			

General Use

2002	Water Temperature	No Concern-Limited Data	China Creek to upstream end of segment	20	6	0	
2002	Water Temperature	Fully Supporting	Wichita County line to China Creek	22	70	0	
2002	pH	No Concern-Limited Data	China Creek to upstream end of segment	20	6	0	
2002	pH	Fully Supporting	Wichita County line to China Creek	22	70	0	
2002	Chloride	Fully Supporting	China Creek to upstream end of segment	20	76		1,377
2002	Chloride	Fully Supporting	Downstream end of segment to Wichita County line	24	75		1,367
2002	Chloride	Fully Supporting	Wichita County line to China Creek	22	76		1,377
2002	Sulfate	Fully Supporting	China Creek to upstream end of segment	20	76		1,029
2002	Sulfate	Fully Supporting	Downstream end of segment to Wichita County line	24	75		1,026
2002	Sulfate	Fully Supporting	Wichita County line to China Creek	22	76		1,029
2002	Total Dissolved Solids	Fully Supporting	China Creek to upstream end of segment	20	78		1,792

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General Use (continued)

2002	Total Dissolved Solids	Fully Supporting	Downstream end of segment to Wichita County line	24	77		4,249.13
2002	Total Dissolved Solids	Fully Supporting	Wichita County line to China Creek	22	78		4,792
2002	Overall General Use	Fully Supporting	China Creek to upstream end of segment	20			
2002	Overall General Use	Fully Supporting	Downstream end of segment to Wichita County line	24			
2002	Overall General Use	Fully Supporting	Wichita County line to China Creek	22			

Fish Consumption Use

2002	Human Health Criteria	No Concern-Limited Data	China Creek to upstream end of segment	20	7		
2002	Human Health Criteria	Fully Supporting	Wichita County line to China Creek	22	53		
2002	Overall Fish Consumption Use	Not Assessed	China Creek to upstream end of segment	20			
2002	Overall Fish Consumption Use	Not Assessed	Downstream end of segment to Wichita County line	24			
2002	Overall Fish Consumption Use	Fully Supporting	Wichita County line to China Creek	22			

Overall Use Support

2002		Fully Supporting	China Creek to upstream end of segment	20			
2002		Fully Supporting	Downstream end of segment to Wichita County line	24			
2002		Fully Supporting	Wichita County line to China Creek	22			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	China Creek to upstream end of segment	20	7	0	
2002	Ammonia Nitrogen	No Concern	Wichita County line to China Creek	22	65	1	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	China Creek to upstream end of segment	20	7	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Wichita County line to China Creek	22	64	0	
2002	Orthophosphorus	Not Assessed	China Creek to upstream end of segment	20	7	0	

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Nutrient Enrichment Concern (continued)

2002	Orthophosphorus	No Concern	Wichita County line to China Creek	22	65	0	
2002	Total Phosphorus	Not Assessed	China Creek to upstream end of segment	20	7	0	
2002	Total Phosphorus	No Concern	Wichita County line to China Creek	22	62	3	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	China Creek to upstream end of segment	20			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Downstream end of segment to Wichita County line	24			
2002	Overall Nutrient Enrichment Concerns	No Concern	Wichita County line to China Creek	22			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	China Creek to upstream end of segment	20	7	3	
2002	Chlorophyll a	Not Assessed	Downstream end of segment to Wichita County line	24			
2002	Chlorophyll a	Concern	Wichita County line to China Creek	22	14	6	

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	China Creek to upstream end of segment	20	5		
2002	Metals in sediment	Not Assessed	Wichita County line to China Creek	22	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	China Creek to upstream end of segment	20			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Downstream end of segment to Wichita County line	24			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Wichita County line to China Creek	22			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	China Creek to upstream end of segment	20			
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Fish Tissue Contaminants Concern (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream end of segment to Wichita County line	24			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Wichita County line to China Creek	22			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	China Creek to upstream end of segment	20			
2002	Overall Narrative Criteria Concerns	No Concern	Downstream end of segment to Wichita County line	24			
2002	Overall Narrative Criteria Concerns	No Concern	Wichita County line to China Creek	22			

Overall Secondary Concern

2002		No Concern	China Creek to upstream end of segment	20			
2002		No Concern	Downstream end of segment to Wichita County line	24			
2002		Concern	Wichita County line to China Creek	22			