

Segment ID: 2311

Water body name: Upper Pecos River

Freshwater Stream

Rio Grande Basin

Total size:

309 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	Use Concern	25 miles upstream of RR 1776	25	46	12	
2002	Dissolved Oxygen grab average	No Concern	Red Bluff Dam to Narrow Bone Draw	25	20	1	
2002	Dissolved Oxygen grab average	No Concern	U.S. 190 near Iraan to SH 290	25	23	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 miles upstream of RR 1776	25	46	3	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25	20	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	U.S. 190 near Iraan to SH 290	25	23	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	25 miles upstream of RR 1776	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Red Bluff Dam to Narrow Bone Draw	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	U.S. 190 near Iraan to SH 290	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles upstream of RR 1776	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Red Bluff Dam to Narrow Bone Draw	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	U.S. 190 near Iraan to SH 290	25	0		
2002	Habitat	Use Concern-Limited Data	Red Bluff Dam to Narrow Bone Draw	25	1	1	15
2002	Macrobenthos Community	Use Concern-Limited Data	Red Bluff Dam to Narrow Bone Draw	25	1	1	14
2002	Fish Community	Use Concern-Limited Data	Red Bluff Dam to Narrow Bone Draw	25	1	1	18
2002	Overall Aquatic Life Use	Fully Supporting	25 miles upstream of RR 1776	25			
2002	Overall Aquatic Life Use	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	234			
2002	Overall Aquatic Life Use	Fully Supporting	U.S. 190 near Iraan to SH 290	25			

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Contact Recreation Use

2002	E. coli single sample	Not Assessed	25 miles upstream of RR 1776	25	0		
2002	E. coli single sample	Not Assessed	Red Bluff Dam to Narrow Bone Draw	25	0		
2002	E. coli single sample	Not Assessed	U.S. 190 near Iraan to SH 290	25	0		
2002	E. coli geometric mean	Not Assessed	25 miles upstream of RR 1776	25	0		
2002	E. coli geometric mean	Not Assessed	Red Bluff Dam to Narrow Bone Draw	25	0		
2002	E. coli geometric mean	Not Assessed	U.S. 190 near Iraan to SH 290	25	0		
2002	Fecal coliform single sample	Fully Supporting	25 miles upstream of RR 1776	25	40	0	
2002	Fecal coliform single sample	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25	20	0	
2002	Fecal coliform single sample	Fully Supporting	U.S. 190 near Iraan to SH 290	25	21	0	
2002	Fecal coliform geometric mean	Fully Supporting	25 miles upstream of RR 1776	25	40		6.89
2002	Fecal coliform geometric mean	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25	20		21.6
2002	Fecal coliform geometric mean	Fully Supporting	U.S. 190 near Iraan to SH 290	25	21		26.6
2002	Overall Recreation Use	Fully Supporting	25 miles upstream of RR 1776	25			
2002	Overall Recreation Use	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	234			
2002	Overall Recreation Use	Fully Supporting	U.S. 190 near Iraan to SH 290	25			

General Use

2002	Water Temperature	Fully Supporting	25 miles upstream of RR 1776	25	46	0	
2002	Water Temperature	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25	20	0	
2002	Water Temperature	Fully Supporting	U.S. 190 near Iraan to SH 290	25	23	0	
2002	pH	Fully Supporting	25 miles upstream of RR 1776	25	46	0	
2002	pH	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25	20	0	
2002	pH	Fully Supporting	U.S. 190 near Iraan to SH 290	25	23	0	

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General Use (continued)

2002	Chloride	Fully Supporting	25 miles upstream of RR 1776	25	81		4,051.1
2002	Chloride	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25	81		4,051.1
2002	Chloride	Fully Supporting	Remainder of segment	234	81		4,051.1
2002	Chloride	Fully Supporting	U.S. 190 near Iraan to SH 290	25	81		4,051.1

2002	Sulfate	Fully Supporting	25 miles upstream of RR 1776	25	81		2,615.7
2002	Sulfate	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25	81		2,615.7
2002	Sulfate	Fully Supporting	Remainder of segment	234	81		2,615.7
2002	Sulfate	Fully Supporting	U.S. 190 near Iraan to SH 290	25	81		2,615.7

2002	Total Dissolved Solids	Fully Supporting	25 miles upstream of RR 1776	25	92		10,309
2002	Total Dissolved Solids	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25	92		10,309
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	234	92		10,309
2002	Total Dissolved Solids	Fully Supporting	U.S. 190 near Iraan to SH 290	25	92		10,309

2002	Overall General Use	Fully Supporting	25 miles upstream of RR 1776	25			
2002	Overall General Use	Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25			
2002	Overall General Use	Fully Supporting	Remainder of segment	234			
2002	Overall General Use	Fully Supporting	U.S. 190 near Iraan to SH 290	25			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	25 miles upstream of RR 1776	25			
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Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Not Assessed	Red Bluff Dam to Narrow Bone Draw	25			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	234			
2002	Overall Fish Consumption Use	Not Assessed	U.S. 190 near Iraan to SH 290	25			

Overall Use Support

2002		Fully Supporting	25 miles upstream of RR 1776	25			
2002		Fully Supporting	Red Bluff Dam to Narrow Bone Draw	25			
2002		Fully Supporting	Remainder of segment	234			
2002		Fully Supporting	U.S. 190 near Iraan to SH 290	25			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	25 miles upstream of RR 1776	25	40	3	
2002	Ammonia Nitrogen	No Concern	Red Bluff Dam to Narrow Bone Draw	25	20	2	
2002	Ammonia Nitrogen	No Concern	U.S. 190 near Iraan to SH 290	25	20	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	25 miles upstream of RR 1776	25	40	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Red Bluff Dam to Narrow Bone Draw	25	20	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	U.S. 190 near Iraan to SH 290	25	21	0	
2002	Orthophosphorus	No Concern	25 miles upstream of RR 1776	25	40	0	
2002	Orthophosphorus	No Concern	Red Bluff Dam to Narrow Bone Draw	25	19	0	
2002	Orthophosphorus	No Concern	U.S. 190 near Iraan to SH 290	25	20	0	
2002	Total Phosphorus	No Concern	25 miles upstream of RR 1776	25	40	0	
2002	Total Phosphorus	No Concern	Red Bluff Dam to Narrow Bone Draw	25	20	0	
2002	Total Phosphorus	No Concern	U.S. 190 near Iraan to SH 290	25	21	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	25 miles upstream of RR 1776	25			

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	No Concern	Red Bluff Dam to Narrow Bone Draw	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	234			
2002	Overall Nutrient Enrichment Concerns	No Concern	U.S. 190 near Iraan to SH 290	25			

Algal Growth Concern

2002	Chlorophyll a	No Concern	25 miles upstream of RR 1776	25	40	5	
2002	Chlorophyll a	No Concern	Red Bluff Dam to Narrow Bone Draw	25	20	2	
2002	Chlorophyll a	Not Assessed	Remainder of segment	234			
2002	Chlorophyll a	No Concern	U.S. 190 near Iraan to SH 290	25	21	4	

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	25 miles upstream of RR 1776	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Red Bluff Dam to Narrow Bone Draw	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	234			
2002	Overall Sediment Contaminant Concerns	Not Assessed	U.S. 190 near Iraan to SH 290	25			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles upstream of RR 1776	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Red Bluff Dam to Narrow Bone Draw	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	234			

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Fish Tissue Contaminants Concern (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	U.S. 190 near Iraan to SH 290	25			
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Narrative Criteria Concern

2004	Algal Growth	Concern	25 miles upstream of RR 1776	25			
2004	Algal Growth	Concern	Red Bluff Dam to Narrow Bone Draw	25			
2004	Algal Growth	Concern	Remainder of segment	234			
2004	Algal Growth	Concern	U.S. 190 near Iraan to SH 290	25			

2004	Overall Narrative Criteria Concerns	Concern	25 miles upstream of RR 1776	25			
2004	Overall Narrative Criteria Concerns	Concern	Red Bluff Dam to Narrow Bone Draw	25			
2004	Overall Narrative Criteria Concerns	Concern	Remainder of segment	234			
2004	Overall Narrative Criteria Concerns	Concern	U.S. 190 near Iraan to SH 290	25			

Overall Secondary Concern

2004		Concern	25 miles upstream of RR 1776	25			
2004		Concern	Red Bluff Dam to Narrow Bone Draw	25			
2004		Concern	Remainder of segment	234			
2004		Concern	U.S. 190 near Iraan to SH 290	25			