

Segment ID: 2307 **Water body name:** Rio Grande Below Riverside Diversion Dam

Freshwater Stream

Rio Grande Basin

Total size:

222

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	No Concern	25 miles upstream of segment boundary	25	45	1	
2002	Dissolved Oxygen grab average	No Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	21	0	
2002	Dissolved Oxygen grab average	No Concern	Guadalupe Bridge to Arroyo Diablo	26	43	4	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 miles upstream of segment boundary	25	45	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	21	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Guadalupe Bridge to Arroyo Diablo	26	43	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	25 miles upstream of segment boundary	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles upstream of segment boundary	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	0		
2002	Acute Metals in water	Not Assessed	25 miles upstream of segment boundary	25	2		
2002	Acute Metals in water	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	1		
2002	Acute Metals in water	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	1		
2002	Chronic Metals in water	Not Assessed	25 miles upstream of segment boundary	25	2		
2002	Chronic Metals in water	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	1		
2002	Chronic Metals in water	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	1		
2002	Acute Organics in water	Not Assessed	25 miles upstream of segment boundary	25	1		

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Aquatic Life Use (continued)

2002	Acute Organics in water	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	1		
2002	Chronic Organics in water	Not Assessed	25 miles upstream of segment boundary	25	1		
2002	Chronic Organics in water	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	1		
2002	Overall Aquatic Life Use	Fully Supporting	25 miles upstream of segment boundary	25			
2002	Overall Aquatic Life Use	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall Aquatic Life Use	Fully Supporting	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	146			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	25 miles upstream of segment boundary	25	0		
2002	E. coli single sample	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	0		
2002	E. coli single sample	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	0		
2002	E. coli geometric mean	Not Assessed	25 miles upstream of segment boundary	25	0		
2002	E. coli geometric mean	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	0		
2002	E. coli geometric mean	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	0		
2002	Fecal coliform single sample	Fully Supporting	25 miles upstream of segment boundary	25	42	5	
2002	Fecal coliform single sample	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	21	3	
2002	Fecal coliform single sample	Not Supporting	Guadalupe Bridge to Arroyo Diablo	26	34	12	
2002	Fecal coliform geometric mean	Fully Supporting	25 miles upstream of segment boundary	25	42		66
2002	Fecal coliform geometric mean	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	21		102

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Contact Recreation Use (continued)

2002	Fecal coliform geometric mean	Not Supporting	Guadalupe Bridge to Arroyo Diablo	26	34		213.2
2002	Overall Recreation Use	Fully Supporting	25 miles upstream of segment boundary	25			
2002	Overall Recreation Use	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall Recreation Use	Not Supporting	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	146			

General Use

2002	Water Temperature	Fully Supporting	25 miles upstream of segment boundary	25	45	0	
2002	Water Temperature	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	21	0	
2002	Water Temperature	Fully Supporting	Guadalupe Bridge to Arroyo Diablo	26	43	0	
2002	pH	Fully Supporting	25 miles upstream of segment boundary	25	45	0	
2002	pH	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	21	0	
2002	pH	Fully Supporting	Guadalupe Bridge to Arroyo Diablo	26	43	0	
2002	Chloride	Not Supporting	25 miles upstream of segment boundary	25	93		501.1
2002	Chloride	Not Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	93		501.1
2002	Chloride	Not Supporting	Guadalupe Bridge to Arroyo Diablo	26	93		501.1
2002	Chloride	Not Supporting	Remainder of segment	146	93		501.1
2002	Sulfate	Fully Supporting	25 miles upstream of segment boundary	25	94		516.1
2002	Sulfate	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	94		516.1
2002	Sulfate	Fully Supporting	Guadalupe Bridge to Arroyo Diablo	26	94		516.1
2002	Sulfate	Fully Supporting	Remainder of segment	146	94		516.1

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General Use (continued)

2002	Total Dissolved Solids	Not Supporting	25 miles upstream of segment boundary	25	115		1,833.5
2002	Total Dissolved Solids	Not Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	115		1,833.5
2002	Total Dissolved Solids	Not Supporting	Guadalupe Bridge to Arroyo Diablo	26	115		1,833.5
2002	Total Dissolved Solids	Not Supporting	Remainder of segment	146	115		1,833.5
2002	Overall General Use	Not Supporting	25 miles upstream of segment boundary	25			
2002	Overall General Use	Not Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall General Use	Not Supporting	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall General Use	Not Supporting	Remainder of segment	146			

Fish Consumption Use

2002	Human Health Criteria Metals	Not Assessed	25 miles upstream of segment boundary	25	3		
2002	Human Health Criteria Metals	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	1		
2002	Human Health Criteria Metals	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	1		
2002	Human Health Criteria Organics	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	1		
2002	Overall Fish Consumption Use	Not Assessed	25 miles upstream of segment boundary	25			
2002	Overall Fish Consumption Use	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall Fish Consumption Use	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	146			

Public Water Supply Use

2002	Finished Water: Running Avg	Not Assessed	25 miles upstream of segment boundary	25			
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Freshwater Stream Rio Grande Basin Total size: 222 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Public Water Supply Use (continued)

2002	Finished Water: Running Avg	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Finished Water: Running Avg	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26			
2002	Surface Water: Long-term average	Fully Supporting	25 miles upstream of segment boundary	25	26		0.421
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	20		1.079
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Guadalupe Bridge to Arroyo Diablo	26	25		1.19
2002	Surface Water: Running average	Fully Supporting	25 miles upstream of segment boundary	25	26	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	20	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Guadalupe Bridge to Arroyo Diablo	26	25	0	
2002	Overall Public Water Supply Use	Fully Supporting	25 miles upstream of segment boundary	25			
2002	Overall Public Water Supply Use	Fully Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall Public Water Supply Use	Fully Supporting	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of segment	146			

Overall Use Support

2002		Not Supporting	25 miles upstream of segment boundary	25			
2002		Not Supporting	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002		Not Supporting	Guadalupe Bridge to Arroyo Diablo	26			
2002		Not Supporting	Remainder of segment	146			

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Algal Growth Concern (continued)

2002	Chlorophyll a	Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	20	12	
2002	Chlorophyll a	No Concern	Guadalupe Bridge to Arroyo Diablo	26	28	7	
2002	Chlorophyll a	Not Assessed	Remainder of segment	146			

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	25 miles upstream of segment boundary	25	2		
2002	Metals in sediment	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	3		
2002	Organics in sediment	Not Assessed	25 miles upstream of segment boundary	25	1		
2002	Organics in sediment	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	25 miles upstream of segment boundary	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	146			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles upstream of segment boundary	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	146			

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Public Water Supply Concern (continued)

2002	Finished Water: Perchlorate	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of segment	146			
2002	Finished Water: Overall	Not Assessed	25 miles upstream of segment boundary	25			
2002	Finished Water: Overall	Not Assessed	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Finished Water: Overall	Not Assessed	Guadalupe Bridge to Arroyo Diablo	26			
2002	Finished Water: Overall	Not Assessed	Remainder of segment	146			
2002	Surface Water: Chloride	Concern	25 miles upstream of segment boundary	25	93		501.1
2002	Surface Water: Chloride	Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	93		501.1
2002	Surface Water: Chloride	Concern	Guadalupe Bridge to Arroyo Diablo	26	93		501.1
2002	Surface Water: Chloride	Concern	Remainder of segment	146	93		501.1
2002	Surface Water: Sulfate	Concern	25 miles upstream of segment boundary	25	94		516.1
2002	Surface Water: Sulfate	Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	94		516.1
2002	Surface Water: Sulfate	Concern	Guadalupe Bridge to Arroyo Diablo	26	94		516.1
2002	Surface Water: Sulfate	Concern	Remainder of segment	146	94		516.1
2002	Surface Water: Total Dissolved Solids	Concern	25 miles upstream of segment boundary	25	115		1,833.5
2002	Surface Water: Total Dissolved Solids	Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25	115		1,833.5
2002	Surface Water: Total Dissolved Solids	Concern	Guadalupe Bridge to Arroyo Diablo	26	115		1,833.5
2002	Surface Water: Total Dissolved Solids	Concern	Remainder of segment	146	115		1,833.5
2002	Surface Water: Overall	Concern	25 miles upstream of segment boundary	25			

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Public Water Supply Concern (continued)

2002	Surface Water: Overall	Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Surface Water: Overall	Concern	Guadalupe Bridge to Arroyo Diablo	26			
2002	Surface Water: Overall	Concern	Remainder of segment	146			
2002	Overall Public Water Supply Concerns	Concern	25 miles upstream of segment boundary	25			
2002	Overall Public Water Supply Concerns	Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall Public Water Supply Concerns	Concern	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall Public Water Supply Concerns	Concern	Remainder of segment	146			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	25 miles upstream of segment boundary	25			
2002	Overall Narrative Criteria Concerns	No Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002	Overall Narrative Criteria Concerns	No Concern	Guadalupe Bridge to Arroyo Diablo	26			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	146			

Overall Secondary Concern

2002		Concern	25 miles upstream of segment boundary	25			
2002		Concern	Arroyo Diablo to 1 mile downstream of Neely Canyon	25			
2002		Concern	Guadalupe Bridge to Arroyo Diablo	26			
2002		Concern	Remainder of segment	146			