

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream Rio Grande Basin Total size: 226 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	10 miles upstream of Hwy 277 in Del Rio	10	30	1	
2002	Dissolved Oxygen grab average	Not Assess-Not Represent	25 miles upstream of Columbia Bridge	25	7	0	
2002	Dissolved Oxygen grab average	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	8	0	
2002	Dissolved Oxygen grab average	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	25	0	
2002	Dissolved Oxygen grab average	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	44	1	
2002	Dissolved Oxygen grab average	No Concern	4.5 miles downstream of Hwy 277	4.5	40	0	
2002	Dissolved Oxygen grab average	Use Concern	Amistad Dam to 10 miles upstream of Hwy 277	3	21	5	
2002	Dissolved Oxygen grab average	No Concern	Columbia Bridge to Laredo water treatment plant	29	23	0	
2002	Dissolved Oxygen grab average	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	41	0	
2002	Dissolved Oxygen grab average	No Concern	El Cenizo to San Isidro pump station	9	21	1	
2002	Dissolved Oxygen grab average	Not Assess-Not Represent	Laredo water treatment plant, downstream to International Bridge 2	4.2	6	0	
2002	Dissolved Oxygen grab average	No Concern	San Isidro pump station to segment boundary	13	24	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	30	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	25 miles upstream of Columbia Bridge	25	7	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	25 miles upstream of IBWC weir dam near El Indio	25	8	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	25	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	44	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	4.5 miles downstream of Hwy 277	4.5	40	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	21	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29	23	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1	41	0	

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Freshwater Stream

Rio Grande Basin

Total size:

226

Miles

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Aquatic Life Use (continued)

2002	Dissolved Oxygen grab minimum	Fully Supporting	El Cenizo to San Isidro pump station	9	21	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	Laredo water treatment plant, downstream to International Bridge 2	4.2	6	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	San Isidro pump station to segment boundary	13	24	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	10 miles upstream of Hwy 277 in Del Rio	10	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	25 miles upstream of Columbia Bridge	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	25 miles upstream of U.S. 277 in Eagle Pass	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	3 miles downstream of U.S. 277 in Eagle Pass	3	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	4.5 miles downstream of Hwy 277	4.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Amistad Dam to 10 miles upstream of Hwy 277	3	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Downstream of International Bridge 2 to pipeline crossing	7.1	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	El Cenizo to San Isidro pump station	9	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	San Isidro pump station to segment boundary	13	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	10 miles upstream of Hwy 277 in Del Rio	10	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles upstream of Columbia Bridge	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles upstream of U.S. 277 in Eagle Pass	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	3 miles downstream of U.S. 277 in Eagle Pass	3	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	4.5 miles downstream of Hwy 277	4.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Amistad Dam to 10 miles upstream of Hwy 277	3	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	0		

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Aquatic Life Use (continued)

2002	Dissolved Oxygen 24hr minimum	Not Assessed	Downstream of International Bridge 2 to pipeline crossing	7.1	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	El Cenizo to San Isidro pump station	9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	San Isidro pump station to segment boundary	13	0		
2002	Acute Metals in water	No Concern-Limited Data	25 miles upstream of U.S. 277 in Eagle Pass	25	5	0	
2002	Acute Metals in water	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	18	0	
2002	Acute Metals in water	No Concern-Limited Data	4.5 miles downstream of Hwy 277	4.5	4		
2002	Acute Metals in water	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	2	0	
2002	Acute Metals in water	No Concern-Limited Data	Downstream of International Bridge 2 to pipeline crossing	7.1	8	0	
2002	Acute Metals in water	Not Assessed	San Isidro pump station to segment boundary	13	2	0	
2002	Acute Metals in water Arsenic	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	29	0	
2002	Acute Metals in water Metals	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	17	0	
2002	Chronic Metals in water	No Concern-Limited Data	25 miles upstream of U.S. 277 in Eagle Pass	25	5		
2002	Chronic Metals in water	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	18		
2002	Chronic Metals in water	No Concern-Limited Data	4.5 miles downstream of Hwy 277	4.5	4		
2002	Chronic Metals in water	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	2		
2002	Chronic Metals in water	No Concern-Limited Data	Downstream of International Bridge 2 to pipeline crossing	7.1	8		
2002	Chronic Metals in water	Not Assessed	San Isidro pump station to segment boundary	13	2		
2002	Chronic Metals in water Arsenic	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	29		2.492

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Aquatic Life Use (continued)

2002	Chronic Toxicity tests in sediment	Not Assessed	San Isidro pump station to segment boundary	13	2	0	
2002	Overall Aquatic Life Use	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10			
2002	Overall Aquatic Life Use	Not Assessed	25 miles upstream of Columbia Bridge	25			
2002	Overall Aquatic Life Use	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Overall Aquatic Life Use	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Overall Aquatic Life Use	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Overall Aquatic Life Use	Fully Supporting	4.5 miles downstream of Hwy 277	4.5			
2002	Overall Aquatic Life Use	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Overall Aquatic Life Use	Not Assessed	Columbia Bridge to Laredo water treatment plant	29			
2002	Overall Aquatic Life Use	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Overall Aquatic Life Use	Fully Supporting	El Cenizo to San Isidro pump station	9			
2002	Overall Aquatic Life Use	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Overall Aquatic Life Use	Not Assessed	Pipeline crossing to downstream of El Cenizo	5			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	63.2			
2002	Overall Aquatic Life Use	Fully Supporting	San Isidro pump station to segment boundary	13			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	10 miles upstream of Hwy 277 in Del Rio	10	0		
2002	E. coli single sample	Not Assessed	25 miles upstream of Columbia Bridge	25	0		
2002	E. coli single sample	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	0		
2002	E. coli single sample	Not Assessed	25 miles upstream of U.S. 277 in Eagle Pass	25	1	1	
2002	E. coli single sample	Not Assessed	3 miles downstream of U.S. 277 in Eagle Pass	3	0		
2002	E. coli single sample	Not Assessed	4.5 miles downstream of Hwy 277	4.5	0		
2002	E. coli single sample	Not Assessed	Amistad Dam to 10 miles upstream of Hwy 277	3	0		

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Freshwater Stream

Rio Grande Basin

Total size:

226

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Contact Recreation Use (continued)

2002	E. coli single sample	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	0		
2002	E. coli single sample	Not Assessed	Downstream of International Bridge 2 to pipeline crossing	7.1	0		
2002	E. coli single sample	Not Assessed	El Cenizo to San Isidro pump station	9	0		
2002	E. coli single sample	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	0		
2002	E. coli single sample	Not Assessed	Pipeline crossing to downstream of El Cenizo	5	0		
2002	E. coli single sample	Not Assessed	San Isidro pump station to segment boundary	13	0		
2002	E. coli geometric mean	Not Assessed	10 miles upstream of Hwy 277 in Del Rio	10	0		
2002	E. coli geometric mean	Not Assessed	25 miles upstream of Columbia Bridge	25	0		
2002	E. coli geometric mean	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	0		
2002	E. coli geometric mean	Not Assessed	25 miles upstream of U.S. 277 in Eagle Pass	25	1		8
2002	E. coli geometric mean	Not Assessed	3 miles downstream of U.S. 277 in Eagle Pass	3	0		
2002	E. coli geometric mean	Not Assessed	4.5 miles downstream of Hwy 277	4.5	0		
2002	E. coli geometric mean	Not Assessed	Amistad Dam to 10 miles upstream of Hwy 277	3	0		
2002	E. coli geometric mean	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	0		
2002	E. coli geometric mean	Not Assessed	Downstream of International Bridge 2 to pipeline crossing	7.1	0		
2002	E. coli geometric mean	Not Assessed	El Cenizo to San Isidro pump station	9	0		
2002	E. coli geometric mean	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	0		
2002	E. coli geometric mean	Not Assessed	Pipeline crossing to downstream of El Cenizo	5	0		
2002	E. coli geometric mean	Not Assessed	San Isidro pump station to segment boundary	13	0		
2002	Fecal coliform single sample	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	30	1	
2002	Fecal coliform single sample	Fully Supporting	25 miles upstream of Columbia Bridge	25	25	0	

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Contact Recreation Use (continued)

2002	Fecal coliform single sample	No Concern-Limited Data	25 miles upstream of IBWC weir dam near El Indio	25	8	0	
2002	Fecal coliform single sample	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	23	2	
2002	Fecal coliform single sample	Not Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	40	14	
2002	Fecal coliform single sample	Not Supporting	4.5 miles downstream of Hwy 277	4.5	36	12	
2002	Fecal coliform single sample	No Concern-Limited Data	Amistad Dam to 10 miles upstream of Hwy 277	3	6	0	
2002	Fecal coliform single sample	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29	56	0	
2002	Fecal coliform single sample	Not Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1	55	27	
2002	Fecal coliform single sample	Not Supporting	El Cenizo to San Isidro pump station	9	20	17	
2002	Fecal coliform single sample	Fully Supporting	Laredo water treatment plant, downstream to International Bridge 2	4.2	39	9	
2002	Fecal coliform single sample	Fully Supporting	Pipeline crossing to downstream of El Cenizo	5	18	4	
2002	Fecal coliform single sample	Not Supporting	San Isidro pump station to segment boundary	13	24	13	
2002	Fecal coliform geometric mean	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	30		55
2002	Fecal coliform geometric mean	Fully Supporting	25 miles upstream of Columbia Bridge	25	25		20
2002	Fecal coliform geometric mean	No Concern-Limited Data	25 miles upstream of IBWC weir dam near El Indio	25	8		31
2002	Fecal coliform geometric mean	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	23		33
2002	Fecal coliform geometric mean	Not Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	40		235
2002	Fecal coliform geometric mean	Fully Supporting	4.5 miles downstream of Hwy 277	4.5	36		177
2002	Fecal coliform geometric mean	No Concern-Limited Data	Amistad Dam to 10 miles upstream of Hwy 277	3	6		5
2002	Fecal coliform geometric mean	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29	56		29.9
2002	Fecal coliform geometric mean	Not Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1	55		557.9
2002	Fecal coliform geometric mean	Not Supporting	El Cenizo to San Isidro pump station	9	20		1,247

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Freshwater Stream

Rio Grande Basin

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Miles

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Contact Recreation Use (continued)

2002	Fecal coliform geometric mean	Fully Supporting	Laredo water treatment plant, downstream to International Bridge 2	4.2	39		160.3
2002	Fecal coliform geometric mean	Not Supporting	Pipeline crossing to downstream of El Cenizo	5	18		231
2002	Fecal coliform geometric mean	Not Supporting	San Isidro pump station to segment boundary	13	24		327
2002	Overall Recreation Use	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10			
2002	Overall Recreation Use	Fully Supporting	25 miles upstream of Columbia Bridge	25			
2002	Overall Recreation Use	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Overall Recreation Use	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Overall Recreation Use	Not Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Overall Recreation Use	Not Supporting	4.5 miles downstream of Hwy 277	4.5			
2002	Overall Recreation Use	Not Assessed	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Overall Recreation Use	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29			
2002	Overall Recreation Use	Not Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Overall Recreation Use	Not Supporting	El Cenizo to San Isidro pump station	9			
2002	Overall Recreation Use	Fully Supporting	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Overall Recreation Use	Not Supporting	Pipeline crossing to downstream of El Cenizo	5			
2002	Overall Recreation Use	Not Assessed	Remainder of segment	63.2			
2002	Overall Recreation Use	Not Supporting	San Isidro pump station to segment boundary	13			

General Use

2002	Water Temperature	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	30	0	
2002	Water Temperature	Not Assess-Not Represent	25 miles upstream of Columbia Bridge	25	7	0	
2002	Water Temperature	No Concern-Limited Data	25 miles upstream of IBWC weir dam near El Indio	25	8	0	

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Miles

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General Use (continued)

2002	Water Temperature	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	25	0	
2002	Water Temperature	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	44	0	
2002	Water Temperature	Fully Supporting	4.5 miles downstream of Hwy 277	4.5	40	0	
2002	Water Temperature	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	57	0	
2002	Water Temperature	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29	23	0	
2002	Water Temperature	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1	44	0	
2002	Water Temperature	Fully Supporting	El Cenizo to San Isidro pump station	9	21	0	
2002	Water Temperature	Not Assess-Not Represent	Laredo water treatment plant, downstream to International Bridge 2	4.2	6	0	
2002	Water Temperature	Not Assessed	Pipeline crossing to downstream of El Cenizo	5	0	0	
2002	Water Temperature	Fully Supporting	San Isidro pump station to segment boundary	13	24	0	
2002	pH	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	30	1	
2002	pH	Not Assess-Not Represent	25 miles upstream of Columbia Bridge	25	7	0	
2002	pH	No Concern-Limited Data	25 miles upstream of IBWC weir dam near El Indio	25	8	0	
2002	pH	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	25	0	
2002	pH	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	44	0	
2002	pH	Fully Supporting	4.5 miles downstream of Hwy 277	4.5	40	1	
2002	pH	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	60	0	
2002	pH	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29	23	0	
2002	pH	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1	45	0	
2002	pH	Fully Supporting	El Cenizo to San Isidro pump station	9	21	0	
2002	pH	Not Assess-Not Represent	Laredo water treatment plant, downstream to International Bridge 2	4.2	6	0	

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General Use (continued)

2002	pH	Not Assessed	Pipeline crossing to downstream of El Cenizo	5	0		
2002	pH	Fully Supporting	San Isidro pump station to segment boundary	13	24	0	
2002	Chloride	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	311		139.3
2002	Chloride	Fully Supporting	25 miles upstream of Columbia Bridge	25	311		139.3
2002	Chloride	Fully Supporting	25 miles upstream of IBWC weir dam near El Indio	25	311		139.3
2002	Chloride	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	311		139.3
2002	Chloride	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	311		139.3
2002	Chloride	Fully Supporting	4.5 miles downstream of Hwy 277	4.5	311		139.3
2002	Chloride	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	311		139.3
2002	Chloride	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29	311		139.3
2002	Chloride	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1	311		139.3
2002	Chloride	Fully Supporting	El Cenizo to San Isidro pump station	9	311		139.3
2002	Chloride	Fully Supporting	Laredo water treatment plant, downstream to International Bridge 2	4.2	311		139.3
2002	Chloride	Fully Supporting	Pipeline crossing to downstream of El Cenizo	5	311		139.3
2002	Chloride	Fully Supporting	Remainder of segment	63.2	311		139.3
2002	Chloride	Fully Supporting	San Isidro pump station to segment boundary	13	311		139.3
2002	Sulfate	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	312		202.6
2002	Sulfate	Fully Supporting	25 miles upstream of Columbia Bridge	25	312		202.6
2002	Sulfate	Fully Supporting	25 miles upstream of IBWC weir dam near El Indio	25	312		202.6
2002	Sulfate	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	312		202.6
2002	Sulfate	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	312		202.6
2002	Sulfate	Fully Supporting	4.5 miles downstream of Hwy 277	4.5	312		202.6
2002	Sulfate	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	312		202.6
2002	Sulfate	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29	312		202.6

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General Use (continued)

2002	Overall General Use	Fully Supporting	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Overall General Use	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Overall General Use	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Overall General Use	Fully Supporting	4.5 miles downstream of Hwy 277	4.5			
2002	Overall General Use	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Overall General Use	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29			
2002	Overall General Use	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Overall General Use	Fully Supporting	El Cenizo to San Isidro pump station	9			
2002	Overall General Use	Fully Supporting	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Overall General Use	Fully Supporting	Pipeline crossing to downstream of El Cenizo	5			
2002	Overall General Use	Fully Supporting	Remainder of segment	63.2			
2002	Overall General Use	Fully Supporting	San Isidro pump station to segment boundary	13			

Fish Consumption Use

2002	Human Health Criteria	No Concern-Limited Data	25 miles upstream of U.S. 277 in Eagle Pass	25	5		
2002	Human Health Criteria	Not Assessed	San Isidro pump station to segment boundary	13	2		
2002	Human Health Criteria Metals	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	18		
2002	Human Health Criteria Metals	Not Assessed	4.5 miles downstream of Hwy 277	4.5	4		
2002	Human Health Criteria Metals	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	17		
2002	Human Health Criteria Metals	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	2		
2002	Human Health Criteria Metals	No Concern-Limited Data	Downstream of International Bridge 2 to pipeline crossing	7.1	8		
2002	Human Health Criteria Organics	Not Assessed	Downstream of International Bridge 2 to pipeline crossing	7.1	1		

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Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Not Assessed	10 miles upstream of Hwy 277 in Del Rio	10			
2002	Overall Fish Consumption Use	Not Assessed	25 miles upstream of Columbia Bridge	25			
2002	Overall Fish Consumption Use	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Overall Fish Consumption Use	Not Assessed	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Overall Fish Consumption Use	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Overall Fish Consumption Use	Not Assessed	4.5 miles downstream of Hwy 277	4.5			
2002	Overall Fish Consumption Use	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Overall Fish Consumption Use	Not Assessed	Columbia Bridge to Laredo water treatment plant	29			
2002	Overall Fish Consumption Use	Not Assessed	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Overall Fish Consumption Use	Not Assessed	El Cenizo to San Isidro pump station	9			
2002	Overall Fish Consumption Use	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Overall Fish Consumption Use	Not Assessed	Pipeline crossing to downstream of El Cenizo	5			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	63.2			
2002	Overall Fish Consumption Use	Not Assessed	San Isidro pump station to segment boundary	13			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10			
2002	Finished Water: Running Avg	Fully Supporting	25 miles upstream of Columbia Bridge	25			
2002	Finished Water: Running Avg	Fully Supporting	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Finished Water: Running Avg	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Finished Water: Running Avg	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Finished Water: Running Avg	Fully Supporting	4.5 miles downstream of Hwy 277	4.5			
2002	Finished Water: Running Avg	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Finished Water: Running Avg	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29			

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream

Rio Grande Basin

Total size:

226

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	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Finished Water: Running Avg	Fully Supporting	El Cenizo to San Isidro pump station	9			
2002	Finished Water: Running Avg	Fully Supporting	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Finished Water: Running Avg	Fully Supporting	San Isidro pump station to segment boundary	13			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	19		0.368
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	25 miles upstream of Columbia Bridge	25	4		0.166
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	25 miles upstream of IBWC weir dam near El Indio	25	7		0.716
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	13		0.553
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	25		0.461
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	4.5 miles downstream of Hwy 277	4.5	25		0.419
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	36		0.323
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Columbia Bridge to Laredo water treatment plant	29	7		0.235
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1	24		0.582
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	El Cenizo to San Isidro pump station	9	7		0.777
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	4		0.135
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	San Isidro pump station to segment boundary	13	12		0.895

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream Rio Grande Basin Total size: 226 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	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10	19		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	25 miles upstream of Columbia Bridge	25	4	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	25 miles upstream of IBWC weir dam near El Indio	25	7	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25	13	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3	25	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	4.5 miles downstream of Hwy 277	4.5	25		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3	36		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Columbia Bridge to Laredo water treatment plant	29	7	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1	24	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	El Cenizo to San Isidro pump station	9	7	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	4		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	San Isidro pump station to segment boundary	13	12	0	
2002	Overall Public Water Supply Use	Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10			
2002	Overall Public Water Supply Use	Fully Supporting	25 miles upstream of Columbia Bridge	25			
2002	Overall Public Water Supply Use	Fully Supporting	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Overall Public Water Supply Use	Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Overall Public Water Supply Use	Fully Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3			

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream Rio Grande Basin Total size: 226 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	Overall Public Water Supply Use	Fully Supporting	4.5 miles downstream of Hwy 277	4.5			
2002	Overall Public Water Supply Use	Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Overall Public Water Supply Use	Fully Supporting	Columbia Bridge to Laredo water treatment plant	29			
2002	Overall Public Water Supply Use	Fully Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Overall Public Water Supply Use	Fully Supporting	El Cenizo to San Isidro pump station	9			
2002	Overall Public Water Supply Use	Fully Supporting	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Overall Public Water Supply Use	Fully Supporting	Pipeline crossing to downstream of El Cenizo	5			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of segment	63.2			
2002	Overall Public Water Supply Use	Fully Supporting	San Isidro pump station to segment boundary	13			

Overall Use Support

2002		Fully Supporting	10 miles upstream of Hwy 277 in Del Rio	10			
2002		Fully Supporting	25 miles upstream of Columbia Bridge	25			
2002		Fully Supporting	25 miles upstream of IBWC weir dam near El Indio	25			
2002		Fully Supporting	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002		Not Supporting	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002		Not Supporting	4.5 miles downstream of Hwy 277	4.5			
2002		Fully Supporting	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002		Fully Supporting	Columbia Bridge to Laredo water treatment plant	29			
2002		Not Supporting	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002		Not Supporting	El Cenizo to San Isidro pump station	9			
2002		Fully Supporting	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002		Not Supporting	Pipeline crossing to downstream of El Cenizo	5			

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream Rio Grande Basin Total size: 226 Miles

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

2002		Fully Supporting	Remainder of segment	63.2			
2002		Not Supporting	San Isidro pump station to segment boundary	13			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	10 miles upstream of Hwy 277 in Del Rio	10	27	3	
2002	Ammonia Nitrogen	Not Assessed	25 miles upstream of Columbia Bridge	25	4	0	
2002	Ammonia Nitrogen	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	8	0	
2002	Ammonia Nitrogen	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	20	4	
2002	Ammonia Nitrogen	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	39	9	
2002	Ammonia Nitrogen	No Concern	4.5 miles downstream of Hwy 277	4.5	36	7	
2002	Ammonia Nitrogen	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3	36	0	
2002	Ammonia Nitrogen	No Concern	Columbia Bridge to Laredo water treatment plant	29	15	1	
2002	Ammonia Nitrogen	Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	30	12	
2002	Ammonia Nitrogen	No Concern	El Cenizo to San Isidro pump station	9	16	4	
2002	Ammonia Nitrogen	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	4	0	
2002	Ammonia Nitrogen	No Concern	San Isidro pump station to segment boundary	13	15	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	10 miles upstream of Hwy 277 in Del Rio	10	19	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	25 miles upstream of Columbia Bridge	25	4	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	7	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	25	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	4.5 miles downstream of Hwy 277	4.5	25	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3	36	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	7	0	

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream Rio Grande Basin Total size: 226 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Nutrient Enrichment Concern (continued)

2002	Nitrite + Nitrate Nitrogen	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	24	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	El Cenizo to San Isidro pump station	9	7	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	4	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	San Isidro pump station to segment boundary	13	12	0	
2002	Orthophosphorus	No Concern	10 miles upstream of Hwy 277 in Del Rio	10	18	0	
2002	Orthophosphorus	Not Assessed	25 miles upstream of Columbia Bridge	25	4	0	
2002	Orthophosphorus	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	7	0	
2002	Orthophosphorus	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	13	0	
2002	Orthophosphorus	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	23	0	
2002	Orthophosphorus	No Concern	4.5 miles downstream of Hwy 277	4.5	22	0	
2002	Orthophosphorus	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3	36	0	
2002	Orthophosphorus	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	7	0	
2002	Orthophosphorus	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	23	0	
2002	Orthophosphorus	Not Assessed	El Cenizo to San Isidro pump station	9	7	1	
2002	Orthophosphorus	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	4	0	
2002	Orthophosphorus	No Concern	San Isidro pump station to segment boundary	13	12	0	
2002	Total Phosphorus	Concern	10 miles upstream of Hwy 277 in Del Rio	10	27	9	
2002	Total Phosphorus	Not Assessed	25 miles upstream of Columbia Bridge	25	4	0	
2002	Total Phosphorus	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	8	0	
2002	Total Phosphorus	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	21	5	
2002	Total Phosphorus	Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	40	13	
2002	Total Phosphorus	Concern	4.5 miles downstream of Hwy 277	4.5	36	11	

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream Rio Grande Basin Total size: 226 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Nutrient Enrichment Concern (continued)

2002	Total Phosphorus	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3	36	0	
2002	Total Phosphorus	No Concern	Columbia Bridge to Laredo water treatment plant	29	15	3	
2002	Total Phosphorus	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	30	3	
2002	Total Phosphorus	No Concern	El Cenizo to San Isidro pump station	9	15	4	
2002	Total Phosphorus	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	4	0	
2002	Total Phosphorus	No Concern	San Isidro pump station to segment boundary	13	14	2	
2002	Overall Nutrient Enrichment Concerns	Concern	10 miles upstream of Hwy 277 in Del Rio	10			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	25 miles upstream of Columbia Bridge	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Overall Nutrient Enrichment Concerns	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Overall Nutrient Enrichment Concerns	Concern	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Overall Nutrient Enrichment Concerns	Concern	4.5 miles downstream of Hwy 277	4.5			
2002	Overall Nutrient Enrichment Concerns	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Overall Nutrient Enrichment Concerns	No Concern	Columbia Bridge to Laredo water treatment plant	29			
2002	Overall Nutrient Enrichment Concerns	Concern	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Overall Nutrient Enrichment Concerns	No Concern	El Cenizo to San Isidro pump station	9			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2			

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream Rio Grande Basin Total size: 226 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	Not Assessed	Pipeline crossing to downstream of El Cenizo	5			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	63.2			
2002	Overall Nutrient Enrichment Concerns	No Concern	San Isidro pump station to segment boundary	13			

Algal Growth Concern

2002	Chlorophyll a	No Concern	10 miles upstream of Hwy 277 in Del Rio	10	18	0	
2002	Chlorophyll a	Not Assessed	25 miles upstream of Columbia Bridge	25	4	0	
2002	Chlorophyll a	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25	8	0	
2002	Chlorophyll a	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	13	1	
2002	Chlorophyll a	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	21	1	
2002	Chlorophyll a	No Concern	4.5 miles downstream of Hwy 277	4.5	22	0	
2002	Chlorophyll a	Not Assessed	Amistad Dam to 10 miles upstream of Hwy 277	3	7	0	
2002	Chlorophyll a	Not Assessed	Columbia Bridge to Laredo water treatment plant	29	9	0	
2002	Chlorophyll a	Not Assessed	Downstream of International Bridge 2 to pipeline crossing	7.1	7	0	
2002	Chlorophyll a	Not Assessed	El Cenizo to San Isidro pump station	9	8	2	
2002	Chlorophyll a	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	4	0	
2002	Chlorophyll a	Not Assessed	Pipeline crossing to downstream of El Cenizo	5			
2002	Chlorophyll a	Not Assessed	Remainder of segment	63.2			
2002	Chlorophyll a	No Concern	San Isidro pump station to segment boundary	13	13	1	

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	3 miles downstream of U.S. 277 in Eagle Pass	3	7	0	
2002	Metals in sediment	Not Assessed	4.5 miles downstream of Hwy 277	4.5	6		

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream Rio Grande Basin Total size: 226 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Sediment Contaminants Concern (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	63.2			
2002	Overall Sediment Contaminant Concerns	Not Assessed	San Isidro pump station to segment boundary	13			

Fish Tissue Contaminants Concern

2002	Metals in fish tissue	No Concern	25 miles upstream of Columbia Bridge	25	13	0	
2002	Metals in fish tissue	Not Assessed	3 miles downstream of U.S. 277 in Eagle Pass	3	1		
2002	Metals in fish tissue	Not Assessed	4.5 miles downstream of Hwy 277	4.5	1		
2002	Metals in fish tissue	No Concern	Columbia Bridge to Laredo water treatment plant	29	13	0	
2002	Metals in fish tissue	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	14	0	
2002	Metals in fish tissue	No Concern	El Cenizo to San Isidro pump station	9	14	0	
2002	Metals in fish tissue	No Concern	Laredo water treatment plant, downstream to International Bridge 2	4.2	14	0	
2002	Metals in fish tissue	No Concern	Pipeline crossing to downstream of El Cenizo	5	14	0	
2002	Metals in fish tissue	No Concern	San Isidro pump station to segment boundary	13	14	0	
2002	Organics in fish tissue	No Concern	25 miles upstream of Columbia Bridge	25	13	0	
2002	Organics in fish tissue	No Concern	Columbia Bridge to Laredo water treatment plant	29	13	0	
2002	Organics in fish tissue	Not Assessed	Downstream of International Bridge 2 to pipeline crossing	7.1	2	0	
2002	Organics in fish tissue	Not Assessed	El Cenizo to San Isidro pump station	9	2	0	
2002	Organics in fish tissue	Not Assessed	Laredo water treatment plant, downstream to International Bridge 2	4.2	2	0	
2002	Organics in fish tissue	Not Assessed	Pipeline crossing to downstream of El Cenizo	5	2	0	
2002	Organics in fish tissue	Not Assessed	San Isidro pump station to segment boundary	13	2	0	

Segment ID: 2304 **Water body name: Rio Grande Below Amistad Reservoir**

Freshwater Stream Rio Grande Basin Total size: 226 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Fish Tissue Contaminants Concern (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	10 miles upstream of Hwy 277 in Del Rio	10			
2002	Overall Fish Tissue Contaminant Concerns	No Concern	25 miles upstream of Columbia Bridge	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	4.5 miles downstream of Hwy 277	4.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Overall Fish Tissue Contaminant Concerns	No Concern	Columbia Bridge to Laredo water treatment plant	29			
2002	Overall Fish Tissue Contaminant Concerns	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Overall Fish Tissue Contaminant Concerns	No Concern	El Cenizo to San Isidro pump station	9			
2002	Overall Fish Tissue Contaminant Concerns	No Concern	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Overall Fish Tissue Contaminant Concerns	No Concern	Pipeline crossing to downstream of El Cenizo	5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	63.2			
2002	Overall Fish Tissue Contaminant Concerns	No Concern	San Isidro pump station to segment boundary	13			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	10 miles upstream of Hwy 277 in Del Rio	10			
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Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream

Rio Grande Basin

Total size:

226

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 Concern (continued)

2002	Finished Water: Sulfate	No Concern	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Finished Water: Sulfate	No Concern	Pipeline crossing to downstream of El Cenizo	5			
2002	Finished Water: Sulfate	No Concern	Remainder of segment	63.2			
2002	Finished Water: Sulfate	No Concern	San Isidro pump station to segment boundary	13			
2002	Finished Water: Total Dissolved Solids	No Concern	10 miles upstream of Hwy 277 in Del Rio	10			
2002	Finished Water: Total Dissolved Solids	No Concern	25 miles upstream of Columbia Bridge	25			
2002	Finished Water: Total Dissolved Solids	No Concern	25 miles upstream of IBWC weir dam near El Indio	25			
2002	Finished Water: Total Dissolved Solids	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002	Finished Water: Total Dissolved Solids	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Finished Water: Total Dissolved Solids	No Concern	4.5 miles downstream of Hwy 277	4.5			
2002	Finished Water: Total Dissolved Solids	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Finished Water: Total Dissolved Solids	No Concern	Columbia Bridge to Laredo water treatment plant	29			
2002	Finished Water: Total Dissolved Solids	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Finished Water: Total Dissolved Solids	No Concern	El Cenizo to San Isidro pump station	9			
2002	Finished Water: Total Dissolved Solids	No Concern	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Finished Water: Total Dissolved Solids	No Concern	Pipeline crossing to downstream of El Cenizo	5			

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream

Rio Grande Basin

Total size:

226

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 Concern (continued)

2002	Surface Water: Chloride	No Concern	10 miles upstream of Hwy 277 in Del Rio	10	311		139.3
2002	Surface Water: Chloride	No Concern	25 miles upstream of Columbia Bridge	25	311		139.3
2002	Surface Water: Chloride	No Concern	25 miles upstream of IBWC weir dam near El Indio	25	311		139.3
2002	Surface Water: Chloride	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	311		139.3
2002	Surface Water: Chloride	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	311		139.3
2002	Surface Water: Chloride	No Concern	4.5 miles downstream of Hwy 277	4.5	311		139.3
2002	Surface Water: Chloride	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3	311		139.3
2002	Surface Water: Chloride	No Concern	Columbia Bridge to Laredo water treatment plant	29	311		139.3
2002	Surface Water: Chloride	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	311		139.3
2002	Surface Water: Chloride	No Concern	El Cenizo to San Isidro pump station	9	311		139.3
2002	Surface Water: Chloride	No Concern	Laredo water treatment plant, downstream to International Bridge 2	4.2	311		139.3
2002	Surface Water: Chloride	No Concern	Pipeline crossing to downstream of El Cenizo	5	311		139.3
2002	Surface Water: Chloride	No Concern	Remainder of segment	63.2	311		139.3
2002	Surface Water: Chloride	No Concern	San Isidro pump station to segment boundary	13	311		139.3
2002	Surface Water: Sulfate	No Concern	10 miles upstream of Hwy 277 in Del Rio	10	312		202.6
2002	Surface Water: Sulfate	No Concern	25 miles upstream of Columbia Bridge	25	312		202.6
2002	Surface Water: Sulfate	No Concern	25 miles upstream of IBWC weir dam near El Indio	25	312		202.6
2002	Surface Water: Sulfate	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	312		202.6
2002	Surface Water: Sulfate	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	312		202.6
2002	Surface Water: Sulfate	No Concern	4.5 miles downstream of Hwy 277	4.5	312		202.6
2002	Surface Water: Sulfate	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3	312		202.6
2002	Surface Water: Sulfate	No Concern	Columbia Bridge to Laredo water treatment plant	29	312		202.6
2002	Surface Water: Sulfate	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	312		202.6

Segment ID: 2304 **Water body name: Rio Grande Below Amistad Reservoir**

Freshwater Stream

Rio Grande Basin

Total size:

226

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 Concern (continued)

2002	Surface Water: Sulfate	No Concern	El Cenizo to San Isidro pump station	9	312		202.6
2002	Surface Water: Sulfate	No Concern	Laredo water treatment plant, downstream to International Bridge 2	4.2	312		202.6
2002	Surface Water: Sulfate	No Concern	Pipeline crossing to downstream of El Cenizo	5	312		202.6
2002	Surface Water: Sulfate	No Concern	Remainder of segment	63.2	312		202.6
2002	Surface Water: Sulfate	No Concern	San Isidro pump station to segment boundary	13	312		202.6
2002	Surface Water: Total Dissolved Solids	No Concern	10 miles upstream of Hwy 277 in Del Rio	10	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	25 miles upstream of Columbia Bridge	25	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	25 miles upstream of IBWC weir dam near El Indio	25	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	4.5 miles downstream of Hwy 277	4.5	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	Columbia Bridge to Laredo water treatment plant	29	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	El Cenizo to San Isidro pump station	9	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	Laredo water treatment plant, downstream to International Bridge 2	4.2	367		696
2002	Surface Water: Total Dissolved Solids	No Concern	Pipeline crossing to downstream of El Cenizo	5	367		696

Segment ID: 2304 **Water body name:** Rio Grande Below Amistad Reservoir

Freshwater Stream

Rio Grande Basin

Total size:

226

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002	Overall Narrative Criteria Concerns	No Concern	4.5 miles downstream of Hwy 277	4.5			
2002	Overall Narrative Criteria Concerns	No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002	Overall Narrative Criteria Concerns	No Concern	Columbia Bridge to Laredo water treatment plant	29			
2002	Overall Narrative Criteria Concerns	No Concern	Downstream of International Bridge 2 to pipeline crossing	7.1			
2002	Overall Narrative Criteria Concerns	No Concern	El Cenizo to San Isidro pump station	9			
2002	Overall Narrative Criteria Concerns	No Concern	Laredo water treatment plant, downstream to International Bridge 2	4.2			
2002	Overall Narrative Criteria Concerns	No Concern	Pipeline crossing to downstream of El Cenizo	5			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	63.2			
2002	Overall Narrative Criteria Concerns	No Concern	San Isidro pump station to segment boundary	13			

Overall Secondary Concern

2002		Concern	10 miles upstream of Hwy 277 in Del Rio	10			
2002		No Concern	25 miles upstream of Columbia Bridge	25			
2002		No Concern	25 miles upstream of IBWC weir dam near El Indio	25			
2002		No Concern	25 miles upstream of U.S. 277 in Eagle Pass	25			
2002		Concern	3 miles downstream of U.S. 277 in Eagle Pass	3			
2002		Concern	4.5 miles downstream of Hwy 277	4.5			
2002		No Concern	Amistad Dam to 10 miles upstream of Hwy 277	3			
2002		No Concern	Columbia Bridge to Laredo water treatment plant	29			

