

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 2301 Rio Grande Tidal**

**Water body type:** Tidal Stream

**Water body size:** 49 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	23	23	0	4.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	23	23	0	5.00	AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	3	3			ID	NA	NA		No
2006	Multiple	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	3	3			ID	NA	NA		No
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Risk Assess.- No Advisory	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)					OE	FS	FS		No

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<b>General Use</b>												
<b>High pH</b>												
2008	pH	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	0	9.00	AD	FS	FS		No
2008	pH	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	23	23	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	0	6.50	AD	FS	FS		No
2008	pH	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	23	23	0	6.50	AD	FS	FS		No

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**Water body size:** 49 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	10	10	1	0.46	AD	NC	NC		No
2008	Ammonia	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	24	24	1	0.46	AD	NC	NC		No
2008	Chlorophyll-a	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	6	21.00	AD	CS	CS		No
2008	Chlorophyll-a	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	24	24	9	21.00	AD	CS	CS		No
2008	Nitrate	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	3	1.10	AD	NC	NC		No
2008	Nitrate	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	24	24	1	1.10	AD	NC	NC		No
2008	Orthophosphorus	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	8	8	0	0.46	LD	NC	NC		No
2008	Orthophosphorus	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	21	21	4	0.46	AD	NC	NC		No
2008	Total Phosphorus	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	10	10	1	0.66	AD	NC	NC		No
2008	Total Phosphorus	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	24	24	1	0.66	AD	NC	NC		No

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### Segment ID: 2301 Rio Grande Tidal

Water body type: Tidal Stream

Water body size: 49 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Water Temperature</b>												
2008	Temperature	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	0	35.00	AD	FS	FS		No
2008	Temperature	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	25	25	0	35.00	AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	Enterococcus	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	5	5		84.08	LD	CN	CN		No
2008	Enterococcus	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	4	4	1	71.27	TR	NA	NA		No
2008	Fecal coliform	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	0	5.26	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2008	Enterococcus	2301_01	Upper segment boundary to 25 miles upstream of lower segment boundary (mouth of Rio Grande)	5	5	1	89.00	LD	NC	NC		No
2008	Enterococcus	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	4	4	2	89.00	TR	NA	NA		No
2008	Fecal coliform	2301_02	25 miles upstream of lower segment boundary (mouth of Rio Grande)	11	11	1	400.00	AD	FS	FS		No

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### Segment ID: 2302      **Rio Grande Below Falcon Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b><u>Aquatic Life Use</u></b>												
<b>Acute Toxic Substances in water</b>												
2006	Arsenic	2302_01	Falcon Dam to Arroyo Los Olmos confluence	30	30	0	360.00	AD	FS	FS		No
2006	Multiple	2302_01	Falcon Dam to Arroyo Los Olmos confluence	9	9			LD	NC	NC		No
2006	Multiple	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	5	5			LD	NC	NC		No
2006	Multiple	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	10	10			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Arsenic	2302_01	Falcon Dam to Arroyo Los Olmos confluence	28	28		3.00	AD	FS	FS		No
2006	Multiple	2302_01	Falcon Dam to Arroyo Los Olmos confluence	9	9			LD	NC	NC		No
2006	Multiple	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	5	5			LD	NC	NC		No
2006	Multiple	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	10	10			AD	FS	FS		No

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2302_01	Falcon Dam to Arroyo Los Olmos confluence	143	143	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	33	33	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	103	103	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	101	100	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	18	18	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	96	96	4	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2302_01	Falcon Dam to Arroyo Los Olmos confluence	143	143	4	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	33	33	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	103	103	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	101	100	8	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	18	18	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	96	96	16	5.00	AD	CS	CS		No

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Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Multiple	2302_01	Falcon Dam to Arroyo Los Olmos confluence	13	13			AD	NC	NC		No
2006	Multiple	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	13	13			AD	NC	NC		No
2006	Multiple	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam	13	13			AD	NC	NC		No
2006	Multiple	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	13	13			AD	NC	NC		No
2006	Multiple	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	13	13			AD	NC	NC		No
2006	Multiple	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	13	13			AD	NC	NC		No
2006	Multiple	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	13	13			AD	NC	NC		No

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<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Mercury	2302_01	Falcon Dam to Arroyo Los Olmos confluence	49	49	0.32	0.05	AD	CS	CS		No
2006	Mercury	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	49	49	0.32	0.05	AD	CS	CS		No
2006	Mercury	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam	49	49	0.32	0.05	AD	CS	CS		No
2006	Mercury	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	49	49	0.32	0.05	AD	CS	CS		No
2006	Mercury	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	49	49	0.32	0.05	AD	CS	CS		No
2006	Mercury	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	49	49	0.32	0.05	AD	CS	CS		No
2006	Mercury	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	49	49	0.32	0.05	AD	CS	CS		No
2006	Multiple	2302_01	Falcon Dam to Arroyo Los Olmos confluence	49	49			AD	NC	NC		No
2006	Multiple	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	49	49			AD	NC	NC		No
2006	Multiple	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam	49	49			AD	NC	NC		No
2006	Multiple	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	49	49			AD	NC	NC		No
2006	Multiple	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	49	49			AD	NC	NC		No
2006	Multiple	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	49	49			AD	NC	NC		No
2006	Multiple	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	49	49			AD	NC	NC		No

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<b><u>Fish Consumption Use</u></b>												
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Risk Assess.- No Advisory	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station					OE	FS	FS		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	2302_01	Falcon Dam to Arroyo Los Olmos confluence	22	22			AD	FS	FS		No
2006	Multiple	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	22	22			AD	FS	FS		No
2006	Multiple	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam	22	22			AD	FS	FS		No
2006	Multiple	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	22	22			AD	FS	FS		No
2006	Multiple	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	22	22			AD	FS	FS		No
2006	Multiple	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	22	22			AD	FS	FS		No
2006	Multiple	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	22	22			AD	FS	FS		No

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General Use

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<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2302_01	Falcon Dam to Arroyo Los Olmos confluence	482	482	145.90	270.00	AD	FS	FS		No
2008	Chloride	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	482	482	145.90	270.00	AD	FS	FS		No
2008	Chloride	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam	482	482	145.90	270.00	AD	FS	FS		No
2008	Chloride	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	482	482	145.90	270.00	AD	FS	FS		No
2008	Chloride	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	482	482	145.90	270.00	AD	FS	FS		No
2008	Chloride	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	482	482	145.90	270.00	AD	FS	FS		No
2008	Chloride	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	482	482	145.90	270.00	AD	FS	FS		No
2008	Sulfate	2302_01	Falcon Dam to Arroyo Los Olmos confluence	482	482	200.90	350.00	AD	FS	FS		No
2008	Sulfate	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	482	482	200.90	350.00	AD	FS	FS		No
2008	Sulfate	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam	482	482	200.90	350.00	AD	FS	FS		No
2008	Sulfate	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	482	482	200.90	350.00	AD	FS	FS		No
2008	Sulfate	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	482	482	200.90	350.00	AD	FS	FS		No
2008	Sulfate	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	482	482	200.90	350.00	AD	FS	FS		No
2008	Sulfate	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	482	482	200.90	350.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Total Dissolved Solids	2302_01	Falcon Dam to Arroyo Los Olmos confluence	529	529		716.20	880.00	AD	FS	FS	No
2008	Total Dissolved Solids	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	529	529		716.20	880.00	AD	FS	FS	No
2008	Total Dissolved Solids	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam	529	529		716.20	880.00	AD	FS	FS	No
2008	Total Dissolved Solids	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	529	529		716.20	880.00	AD	FS	FS	No
2008	Total Dissolved Solids	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	529	529		716.20	880.00	AD	FS	FS	No
2008	Total Dissolved Solids	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	529	529		716.20	880.00	AD	FS	FS	No
2008	Total Dissolved Solids	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	529	529		716.20	880.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	2302_01	Falcon Dam to Arroyo Los Olmos confluence	155	155	1		9.00	AD	FS	FS	No
2008	pH	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	39	39	0		9.00	AD	FS	FS	No
2008	pH	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	111	111	0		9.00	AD	FS	FS	No
2008	pH	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	102	101	0		9.00	AD	FS	FS	No
2008	pH	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	18	18	0		9.00	AD	FS	FS	No
2008	pH	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	90	90	0		9.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302      **Rio Grande Below Falcon Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Low pH</b>												
2008	pH	2302_01	Falcon Dam to Arroyo Los Olmos confluence	155	155	1	6.50	AD	FS	FS		No
2008	pH	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	39	39	0	6.50	AD	FS	FS		No
2008	pH	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	111	111	1	6.50	AD	FS	FS		No
2008	pH	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	102	101	0	6.50	AD	FS	FS		No
2008	pH	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	18	18	0	6.50	AD	FS	FS		No
2008	pH	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	90	90	1	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2302_01	Falcon Dam to Arroyo Los Olmos confluence	124	124	29	0.33	AD	NC	NC		No
2008	Ammonia	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	30	30	1	0.33	AD	NC	NC		No
2008	Ammonia	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	89	89	2	0.33	AD	NC	NC		No
2008	Ammonia	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	77	77	10	0.33	AD	NC	NC		No
2008	Ammonia	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	21	21	6	0.33	AD	NC	NC		No
2008	Ammonia	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	80	80	10	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2302_01	Falcon Dam to Arroyo Los Olmos confluence	105	105	6	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	31	31	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	95	95	4	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	83	83	9	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	21	21	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	64	64	9	14.10	AD	NC	NC		No
2008	Nitrate	2302_01	Falcon Dam to Arroyo Los Olmos confluence	123	123	7	1.95	AD	NC	NC		No
2008	Nitrate	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	30	30	6	1.95	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Nitrate	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	94	94	10	1.95	AD	NC	NC		No
2008	Nitrate	2302_05	McAllen Int'l Bridge(US 281) to Progreso Int'l Bridge (FM 1015)	83	83	5	1.95	AD	NC	NC		No
2008	Nitrate	2302_06	Progreso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	21	21	0	1.95	AD	NC	NC		No
2008	Nitrate	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	84	84	6	2.00	AD	NC	NC		No
2008	Orthophosphorus	2302_01	Falcon Dam to Arroyo Los Olmos confluence	90	90	4	0.37	AD	NC	NC		No
2008	Orthophosphorus	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	21	21	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	70	70	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2302_05	McAllen Int'l Bridge(US 281) to Progreso Int'l Bridge (FM 1015)	69	69	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	2302_06	Progreso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	21	21	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	70	70	11	0.37	AD	NC	NC		No
2008	Total Phosphorus	2302_01	Falcon Dam to Arroyo Los Olmos confluence	131	131	7	0.69	AD	NC	NC		No
2008	Total Phosphorus	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	33	33	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	94	94	2	0.69	AD	NC	NC		No
2008	Total Phosphorus	2302_05	McAllen Int'l Bridge(US 281) to Progreso Int'l Bridge (FM 1015)	80	80	2	0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
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#### General Use

##### Nutrient Screening Levels

2008	Total Phosphorus	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	21	21	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	86	86	3	0.69	AD	NC	NC		No

##### Water Temperature

2008	Temperature	2302_01	Falcon Dam to Arroyo Los Olmos confluence	155	155	0	32.20	AD	FS	FS		No
2008	Temperature	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	39	39	0	32.20	AD	FS	FS		No
2008	Temperature	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	112	112	1	32.20	AD	FS	FS		No
2008	Temperature	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	102	101	0	32.20	AD	FS	FS		No
2008	Temperature	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	18	18	1	32.20	AD	FS	FS		No
2008	Temperature	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	91	91	0	35.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 2302 Rio Grande Below Falcon Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Public Water Supply Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Chloride	2302_01	Falcon Dam to Arroyo Los Olmos confluence					OE	NC	NC		No
2008	Chloride	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing					OE	NC	NC		No
2008	Chloride	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam					OE	NC	NC		No
2008	Chloride	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)					OE	NC	NC		No
2008	Chloride	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)					OE	NC	NC		No
2008	Chloride	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area					OE	NC	NC		No
2008	Chloride	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station					OE	NC	NC		No
2008	Sulfate	2302_01	Falcon Dam to Arroyo Los Olmos confluence					OE	NC	NC		No
2008	Sulfate	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing					OE	NC	NC		No
2008	Sulfate	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam					OE	NC	NC		No
2008	Sulfate	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)					OE	NC	NC		No
2008	Sulfate	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	20	20		300.00	OE	NC	NC		No
2008	Sulfate	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area				300.00	OE	NC	NC		No
2008	Sulfate	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station					OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Total Dissolved Solids	2302_01	Falcon Dam to Arroyo Los Olmos confluence					OE	NC	NC		No
2008	Total Dissolved Solids	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing					OE	NC	NC		No
2008	Total Dissolved Solids	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam					OE	NC	NC		No
2008	Total Dissolved Solids	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)					OE	NC	NC		No
2008	Total Dissolved Solids	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)					OE	NC	NC		No
2008	Total Dissolved Solids	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area					OE	NC	NC		No
2008	Total Dissolved Solids	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	2302_01	Falcon Dam to Arroyo Los Olmos confluence					OE	FS	FS		No
2008	Multiple	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing					OE	FS	FS		No
2008	Multiple	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam					OE	FS	FS		No
2008	Multiple	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)					OE	FS	FS		No
2008	Multiple	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)					OE	FS	FS		No
2008	Multiple	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area					OE	FS	FS		No
2008	Multiple	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station					OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Public Water Supply Use

##### **Finished Drinking Water MCLs Concern**

2008	Multiple	2302_01	Falcon Dam to Arroyo Los Olmos confluence						OE	NC	NC		No
2008	Multiple	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing						OE	NC	NC		No
2008	Multiple	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam						OE	NC	NC		No
2008	Multiple	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)						OE	NC	NC		No
2008	Multiple	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)						OE	NC	NC		No
2008	Multiple	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area						OE	NC	NC		No
2008	Multiple	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station						OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Public Water Supply Use

##### Surface Water HH criteria for PWS average

2006	Multiple	2302_01	Falcon Dam to Arroyo Los Olmos confluence	56	56			AD	FS	FS		No
2006	Multiple	2302_02	Arroyo Los Olmos confluence to Los Ebanos Ferry Crossing	56	56			AD	FS	FS		No
2006	Multiple	2302_03	Los Ebanos Ferry Crossing to Anzalduas Dam	21	21			AD	FS	FS		No
2006	Multiple	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	56	56			AD	FS	FS		No
2006	Multiple	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	21	21			AD	FS	FS		No
2006	Multiple	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	21	21			AD	FS	FS		No
2006	Multiple	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	56	56			AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2302_01	Falcon Dam to Arroyo Los Olmos confluence	103	103	0	68.99	126.00	AD	FS	FS	No
2008	E. coli	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	34	34	0	111.89	126.00	AD	FS	FS	No
2008	E. coli	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	64	64	0	67.67	126.00	AD	FS	FS	No
2008	E. coli	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	15	15	0	41.55	126.00	AD	FS	FS	No
2008	E. coli	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	37	37		206.50	126.00	AD	NS	NS	5c No
2008	Fecal coliform	2302_01	Falcon Dam to Arroyo Los Olmos confluence	112	112	0	72.11	200.00	AD	FS	FS	No
2008	Fecal coliform	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	39	39	0	116.97	200.00	SM	FS	FS	No
2008	Fecal coliform	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	54	54	0	133.56	200.00	SM	FS	FS	No
2008	Fecal coliform	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	7	7	0	92.81	200.00	SM	NC	NC	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302 Rio Grande Below Falcon Reservoir

Water body type: Freshwater Stream

Water body size: 231 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	2302_01	Falcon Dam to Arroyo Los Olmos confluence	103	103	16	394.00	AD	FS	FS		No
2008	E. coli	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	34	34	7	394.00	AD	FS	FS		No
2008	E. coli	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	64	64	8	394.00	AD	FS	FS		No
2008	E. coli	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	15	15	1	394.00	AD	FS	FS		No
2008	E. coli	2302_07	Rancho Viejo Floodway area to El Jardin Pump Station	37	37	12	394.00	AD	NS	NS	5c	No
2008	Fecal coliform	2302_01	Falcon Dam to Arroyo Los Olmos confluence	112	112	11	400.00	AD	FS	FS		No
2008	Fecal coliform	2302_04	Anzalduas Dam to McAllen Int'l Bridge (US 281)	39	39	8	400.00	SM	FS	FS		No
2008	Fecal coliform	2302_05	McAllen Int'l Bridge(US 281) to Progresso Int'l Bridge (FM 1015)	54	54	12	400.00	SM	FS	FS		No
2008	Fecal coliform	2302_06	Progresso Int'l Bridge (FM 1015) to the Rancho Viejo Floodway area	7	7	2	400.00	SM	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2302A Arroyo Los Olmos (unclassified water body)

Water body type: Freshwater Stream

Water body size: 25 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	2302A_01 Entire water body	10	10	0		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	2302A_01 Entire water body	10	10	0		3.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	2302A_01 Entire water body	11	11	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	2302A_01 Entire water body	11	11	0		14.10	AD	NC	NC		No
2006	Nitrate	2302A_01 Entire water body	11	11	3		2.00	AD	NC	NC		No
2006	Orthophosphorus	2302A_01 Entire water body	11	11	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	2302A_01 Entire water body	11	11	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	2302A_01 Entire water body	7	7		108.00	126.00	LD	NC	NC		No
2006	Fecal coliform	2302A_01 Entire water body	11	11		236.00	200.00	AD	NS	NS	5c	No
<b>Bacteria Single Sample</b>												
2006	E. coli	2302A_01 Entire water body	7	7	1		394.00	LD	NC	NC		No
2006	Fecal coliform	2302A_01 Entire water body	11	11	5		400.00	AD	NS	NS	5c	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2303 International Falcon Reservoir

Water body type: Reservoir

Water body size: 87,210 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Ambient Toxicity tests in water</b>												
2008	Water Acute Toxicity	2303_02	Area around Zapata WTP intake	2	2	0		ID				No
<b>Acute Toxic Substances in water</b>												
2006	Multiple	2303_02	Area around Zapata WTP intake	8	8			LD	NC	NC		No
<b>Chronic Ambient Toxicity tests in water</b>												
2008	Water Chronic Toxicity	2303_02	Area around Zapata WTP intake	3	3	1		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	2303_02	Area around Zapata WTP intake	8	8			LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2303_02	Area around Zapata WTP intake	12	12	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2303_03	Area around International Monument I	17	17	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2303_02	Area around Zapata WTP intake	12	12	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2303_03	Area around International Monument I	17	17	0	5.00	AD	NC	NC		No
<b>Elutriate Toxicity tests in sediment</b>												
2008	Sediment Elutriate Toxicity	2303_02	Area around Zapata WTP intake	2	2	0		ID	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	2303_01	Area around International Monument XIV	8	8			LD	NC	NC		No
2006	Multiple	2303_02	Area around Zapata WTP intake	8	8			LD	NC	NC		No
2006	Multiple	2303_03	Area around International Monument I	8	8			LD	NC	NC		No
2006	Multiple	2303_04	Remainder of segment	8	8			LD	NC	NC		No
<b>TOXNET ambient toxicity tests in water - lethality</b>												
2008	Water Toxicity - Lethal Effects	2303_02	Area around Zapata WTP intake	4	4	0		LD	NC	NC		No
<b>TOXNET ambient toxicity tests in water - sublethality</b>												
2008	Water Toxicity - Sublethal Effec	2303_02	Area around Zapata WTP intake	4	4	1		LD	CN	CN		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2303 International Falcon Reservoir

**Water body type:** Reservoir

**Water body size:** 87,210 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Fish Consumption Use

##### **HH Bioaccumulative Toxics in water**

2006	Multiple	2303_01	Area around International Monument XIV	8	8			LD	NC	NC		No
2006	Multiple	2303_02	Area around Zapata WTP intake	8	8			LD	NC	NC		No
2006	Multiple	2303_03	Area around International Monument I	8	8			LD	NC	NC		No
2006	Multiple	2303_04	Remainder of segment	8	8			LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2303 International Falcon Reservoir

Water body type: Reservoir

Water body size: 87,210 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2303_01	Area around International Monument XIV	28	28	156.00	200.00	AD	FS	FS		No
2008	Chloride	2303_02	Area around Zapata WTP intake	28	28	156.00	200.00	AD	FS	FS		No
2008	Chloride	2303_03	Area around International Monument I	28	28	156.00	200.00	AD	FS	FS		No
2008	Chloride	2303_04	Remainder of segment	28	28	156.00	200.00	AD	FS	FS		No
2008	Sulfate	2303_01	Area around International Monument XIV	28	28	148.30	300.00	AD	FS	FS		No
2008	Sulfate	2303_02	Area around Zapata WTP intake	28	28	148.30	300.00	AD	FS	FS		No
2008	Sulfate	2303_03	Area around International Monument I	28	28	148.30	300.00	AD	FS	FS		No
2008	Sulfate	2303_04	Remainder of segment	28	28	148.30	300.00	AD	FS	FS		No
2008	Total Dissolved Solids	2303_01	Area around International Monument XIV	30	30	536.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2303_02	Area around Zapata WTP intake	30	30	536.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2303_03	Area around International Monument I	30	30	536.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2303_04	Remainder of segment	30	30	536.70	1,000.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	2303_02	Area around Zapata WTP intake	12	12	0	9.00	AD	FS	FS		No
2008	pH	2303_03	Area around International Monument I	17	17	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	2303_02	Area around Zapata WTP intake	12	12	0	6.50	AD	FS	FS		No
2008	pH	2303_03	Area around International Monument I	17	17	0	6.50	AD	FS	FS		No

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### Segment ID: 2303 International Falcon Reservoir

**Water body type:** Reservoir

**Water body size:** 87,210 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2303_02	Area around Zapata WTP intake	10	10	0	0.33	AD	NC	NC		No
2008	Ammonia	2303_03	Area around International Monument I	13	13	4	0.11	AD	NC	NC		No
2008	Chlorophyll-a	2303_02	Area around Zapata WTP intake	12	12	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2303_03	Area around International Monument I	16	16	0	26.70	AD	NC	NC		No
2008	Nitrate	2303_02	Area around Zapata WTP intake	11	11	0	2.00	AD	NC	NC		No
2008	Nitrate	2303_03	Area around International Monument I	15	15	3	0.37	AD	NC	NC		No
2008	Orthophosphorus	2303_02	Area around Zapata WTP intake	6	6	0	0.37	LD	NC	NC		No
2008	Orthophosphorus	2303_03	Area around International Monument I	10	10	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	2303_02	Area around Zapata WTP intake	12	12	2	0.69	AD	NC	NC		No
2008	Total Phosphorus	2303_03	Area around International Monument I	15	15	1	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	2303_02	Area around Zapata WTP intake	12	12	0	35.00	AD	FS	FS		No
2008	Temperature	2303_03	Area around International Monument I	18	18	0	33.90	AD	FS	FS		No

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### Segment ID: 2303 International Falcon Reservoir

Water body type: Reservoir

Water body size: 87,210 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Public Water Supply Use

##### Finished Drinking Water Dissolved Solids average

2008	Multiple	2303_01	Area around International Monument XIV						OE	NC	NC		No
2008	Multiple	2303_02	Area around Zapata WTP intake						OE	NC	NC		No
2008	Multiple	2303_03	Area around International Monument I						OE	NC	NC		No
2008	Multiple	2303_04	Remainder of segment						OE	NC	NC		No

##### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	2303_01	Area around International Monument XIV						OE	FS	FS		No
2008	Multiple	2303_02	Area around Zapata WTP intake						OE	FS	FS		No
2008	Multiple	2303_03	Area around International Monument I						OE	FS	FS		No
2008	Multiple	2303_04	Remainder of segment						OE	FS	FS		No

##### Finished Drinking Water MCLs Concern

2008	Multiple	2303_01	Area around International Monument XIV						OE	NC	NC		No
2008	Multiple	2303_02	Area around Zapata WTP intake						OE	NC	NC		No
2008	Multiple	2303_03	Area around International Monument I						OE	NC	NC		No
2008	Multiple	2303_04	Remainder of segment						OE	NC	NC		No

##### Surface Water HH criteria for PWS average

2006	Multiple	2303_01	Area around International Monument XIV		8	8			LD	NC	NC		No
2006	Multiple	2303_02	Area around Zapata WTP intake		8	8			LD	NC	NC		No
2006	Multiple	2303_03	Area around International Monument I		8	8			LD	NC	NC		No
2006	Multiple	2303_04	Remainder of segment		8	8			LD	NC	NC		No

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### Segment ID: 2303 International Falcon Reservoir

Water body type: Reservoir

Water body size: 87,210 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2303_02	Area around Zapata WTP intake	8	8		55.10	126.00	LD	NC	NC	No
2008	E. coli	2303_03	Area around International Monument I	18	18	0	7.46	126.00	AD	FS	FS	No
2008	Fecal coliform	2303_02	Area around Zapata WTP intake	11	11		94.00	200.00	AD	FS	FS	No
2008	Fecal coliform	2303_03	Area around International Monument I	18	18	0	11.48	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	2303_02	Area around Zapata WTP intake	8	8	1		394.00	LD	NC	NC	No
2008	E. coli	2303_03	Area around International Monument I	18	18	0		394.00	AD	FS	FS	No
2008	Fecal coliform	2303_02	Area around Zapata WTP intake	11	11	2		400.00	AD	FS	FS	No
2008	Fecal coliform	2303_03	Area around International Monument I	18	18	0		400.00	AD	FS	FS	No

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Ambient Toxicity tests in water</b>												
2008	Water Acute Toxicity	2304_01	Amistad Dam to San Felipe Creek confluence	9	9	1		LD	NC	NC		No
2008	Water Acute Toxicity	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	9	9	0		LD	NC	NC		No
2008	Water Acute Toxicity	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	9	9	0		LD	NC	NC		No
2008	Water Acute Toxicity	2304_05	El Indio to the Columbia Bridge	1	1			ID	NA	NA		No
2008	Water Acute Toxicity	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	1	1	0		ID	NA	NA		No
2008	Water Acute Toxicity	2304_08	Laredo water treatment plant intake to International Bridge #2	3	3	0		ID	NA	NA		No
2008	Water Acute Toxicity	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	1	1	0		ID	NA	NA		No
<b>Acute Toxic Substances in water</b>												
2006	Arsenic	2304_01	Amistad Dam to San Felipe Creek confluence	35	35	0	360.00	AD	FS	FS		No
2006	Multiple	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	10	10	0		AD	FS	FS		No
2006	Multiple	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	8	8			LD	NC	NC		No
2006	Multiple	2304_04	Hwy 277 (Eagle Pass) to El Indio	9	9			LD	NC	NC		No
2006	Multiple	2304_06	Columbia Bridge to the World Trade Center Bridge	11	11			AD	FS	FS		No
2006	Multiple	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	12	12			AD	FS	FS		No
2006	Multiple	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	23	23	0		AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Chronic Ambient Toxicity tests in water</b>												
2008	Water Chronic Toxicity	2304_05	El Indio to the Columbia Bridge	3	3	0		ID	NA	NA		No
2008	Water Chronic Toxicity	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	4	4	0		LD	NC	NC		No
2008	Water Chronic Toxicity	2304_08	Laredo water treatment plant intake to International Bridge #2	3	3	0		ID	NA	NA		No
2008	Water Chronic Toxicity	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	3	3	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Arsenic	2304_01	Amistad Dam to San Felipe Creek confluence	35	35		2.20	190.00	AD	FS	FS	No
2006	Multiple	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	10	10			AD	FS	FS		No
2006	Multiple	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	8	8			LD	NC	NC		No
2006	Multiple	2304_04	Hwy 277 (Eagle Pass) to El Indio	9	9			LD	NC	NC		No
2006	Multiple	2304_06	Columbia Bridge to the World Trade Center Bridge	11	11			AD	FS	FS		No
2006	Multiple	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	12	12			AD	FS	FS		No
2006	Multiple	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	23	23			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	2304_01	Amistad Dam to San Felipe Creek confluence	1	1	0		5.00	ID	NA	NA	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	2304_01	Amistad Dam to San Felipe Creek confluence	1	1	0		3.00	ID	NA	NA	No

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2304_01	Amistad Dam to San Felipe Creek confluence	89	89	5	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	87	87	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	38	38	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2304_04	Hwy 277 (Eagle Pass) to El Indio	28	28	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2304_05	El Indio to the Columbia Bridge	54	54	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2304_06	Columbia Bridge to the World Trade Center Bridge	18	18	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	21	21	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2304_08	Laredo water treatment plant intake to International Bridge #2	22	22	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	110	110	0	3.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2304_01	Amistad Dam to San Felipe Creek confluence	89	89	10	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	87	87	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	38	38	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2304_04	Hwy 277 (Eagle Pass) to El Indio	28	28	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2304_05	El Indio to the Columbia Bridge	54	54	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2304_06	Columbia Bridge to the World Trade Center Bridge	18	18	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	21	21	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2304_08	Laredo water treatment plant intake to International Bridge #2	22	22	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	110	110	0	5.00	AD	NC	NC		No
<b>Elutriate Toxicity tests in sediment</b>												
2008	Sediment Elutriate Toxicity	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	4	4	0		LD	NA	NA		No
2008	Sediment Elutriate Toxicity	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	4	4	0		LD	NA	NA		No

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Multiple	2304_01	Amistad Dam to San Felipe Creek confluence	43	43			AD	NC	NC		No
2006	Multiple	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	43	43			AD	NC	NC		No
2006	Multiple	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	43	43			AD	NC	NC		No
2006	Multiple	2304_04	Hwy 277 (Eagle Pass) to El Indio	43	43			AD	NC	NC		No
2006	Multiple	2304_05	El Indio to the Columbia Bridge	43	43			AD	NC	NC		No
2006	Multiple	2304_06	Columbia Bridge to the World Trade Center Bridge	43	43			AD	NC	NC		No
2006	Multiple	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	43	43			AD	NC	NC		No
2006	Multiple	2304_08	Laredo water treatment plant intake to International Bridge #2	43	43			AD	NC	NC		No
2006	Multiple	2304_09	International Bridge # 2 to just below Chacon Creek confluence	43	43			AD	NC	NC		No
2006	Multiple	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	43	43			AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>TOXNET ambient toxicity tests in water - lethality</b>												
2008	Water Toxicity - Lethal Effects	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	2	2	0		ID	NA	NA		No
2008	Water Toxicity - Lethal Effects	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	3	3	0		ID	NA	NA		No
2008	Water Toxicity - Lethal Effects	2304_05	El Indio to the Columbia Bridge	4	4	0		LD	NC	NC		No
2008	Water Toxicity - Lethal Effects	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	4	4			LD	NC	NC		No
2008	Water Toxicity - Lethal Effects	2304_08	Laredo water treatment plant intake to International Bridge #2	5	5	0		LD	NC	NC		No
2008	Water Toxicity - Lethal Effects	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	17	17	0		AD	FS	FS		No
<b>TOXNET ambient toxicity tests in water - sublethality</b>												
2008	Water Toxicity - Sublethal Effec	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	2	2	1		ID	NA	NA		No
2008	Water Toxicity - Sublethal Effec	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	3	3	0		ID	NA	NA		No
2008	Water Toxicity - Sublethal Effec	2304_05	El Indio to the Columbia Bridge	4	4	0		LD	NC	NC		No
2008	Water Toxicity - Sublethal Effec	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	4	4	1		LD	CN	CN		No
2008	Water Toxicity - Sublethal Effec	2304_08	Laredo water treatment plant intake to International Bridge #2	4	4	1		LD	CN	CN		No
2008	Water Toxicity - Sublethal Effec	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	14	14	1		AD	FS	FS		No

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**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Fish Consumption Use

##### **DSHS Advisories, Closures, and Risk Assessments**

2008	Risk Assess.- No Advisory	2304_05	El Indio to the Columbia Bridge					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2304_06	Columbia Bridge to the World Trade Center Bridge					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2304_07	World Trade Center Bridge to Laredo water treatment plant intake					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2304_08	Laredo water treatment plant intake to International Bridge #2					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2304_09	International Bridge # 2 to just below Chacon Creek confluence					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2304_10	Chacon Creek confluence to the Arroyo Salado confluence					OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b><u>Fish Consumption Use</u></b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	2304_01	Amistad Dam to San Felipe Creek confluence	70	70			AD	FS	FS		No
2006	Multiple	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	70	70			AD	FS	FS		No
2006	Multiple	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	70	70			AD	FS	FS		No
2006	Multiple	2304_04	Hwy 277 (Eagle Pass) to El Indio	70	70			AD	FS	FS		No
2006	Multiple	2304_05	El Indio to the Columbia Bridge	70	70			AD	FS	FS		No
2006	Multiple	2304_06	Columbia Bridge to the World Trade Center Bridge	70	70			AD	FS	FS		No
2006	Multiple	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	70	70			AD	FS	FS		No
2006	Multiple	2304_08	Laredo water treatment plant intake to International Bridge #2	70	70			AD	FS	FS		No
2006	Multiple	2304_09	International Bridge # 2 to just below Chacon Creek confluence	70	70			AD	FS	FS		No
2006	Multiple	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	70	70			AD	FS	FS		No

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**Segment ID: 2304 Rio Grande Below Amistad Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2304_01	Amistad Dam to San Felipe Creek confluence	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_04	Hwy 277 (Eagle Pass) to El Indio	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_05	El Indio to the Columbia Bridge	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_06	Columbia Bridge to the World Trade Center Bridge	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_08	Laredo water treatment plant intake to International Bridge #2	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_09	International Bridge # 2 to just below Chacon Creek confluence	429	429		103.40	200.00	AD	FS	FS	No
2008	Chloride	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	429	429		103.40	200.00	AD	FS	FS	No
2008	Sulfate	2304_01	Amistad Dam to San Felipe Creek confluence	428	428		157.30	300.00	AD	FS	FS	No
2008	Sulfate	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	428	428		157.30	300.00	AD	FS	FS	No
2008	Sulfate	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	428	428		157.30	300.00	AD	FS	FS	No
2008	Sulfate	2304_04	Hwy 277 (Eagle Pass) to El Indio	428	428		157.30	300.00	AD	FS	FS	No
2008	Sulfate	2304_05	El Indio to the Columbia Bridge	428	428		157.80	300.00	AD	FS	FS	No
2008	Sulfate	2304_06	Columbia Bridge to the World Trade Center Bridge	428	428		157.30	300.00	AD	FS	FS	No

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Sulfate	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	428	428	157.30	300.00	AD	FS	FS		No
2008	Sulfate	2304_08	Laredo water treatment plant intake to International Bridge #2	428	428	157.30	300.00	AD	FS	FS		No
2008	Sulfate	2304_09	International Bridge # 2 to just below Chacon Creek confluence	428	428	157.30	300.00	AD	FS	FS		No
2008	Sulfate	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	428	428	157.30	300.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_01	Amistad Dam to San Felipe Creek confluence	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_04	Hwy 277 (Eagle Pass) to El Indio	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_05	El Indio to the Columbia Bridge	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_06	Columbia Bridge to the World Trade Center Bridge	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_08	Laredo water treatment plant intake to International Bridge #2	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_09	International Bridge # 2 to just below Chacon Creek confluence	491	491	581.70	1,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	491	491	581.70	1,000.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304      **Rio Grande Below Amistad Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	2304_01	Amistad Dam to San Felipe Creek confluence	88	88	1	9.00	AD	FS	FS		No
2008	pH	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	86	86	1	9.00	AD	FS	FS		No
2008	pH	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	38	38	0	9.00	AD	FS	FS		No
2008	pH	2304_04	Hwy 277 (Eagle Pass) to El Indio	28	28	0	9.00	AD	FS	FS		No
2008	pH	2304_05	El Indio to the Columbia Bridge	54	54	0	9.00	AD	FS	FS		No
2008	pH	2304_06	Columbia Bridge to the World Trade Center Bridge	18	18	0	9.00	AD	FS	FS		No
2008	pH	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	21	21	0	9.00	AD	FS	FS		No
2008	pH	2304_08	Laredo water treatment plant intake to International Bridge #2	22	22	0	9.00	AD	FS	FS		No
2008	pH	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	113	113	0	9.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304      **Rio Grande Below Amistad Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Low pH</b>												
2008	pH	2304_01	Amistad Dam to San Felipe Creek confluence	88	88	2	6.50	AD	FS	FS		No
2008	pH	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	86	86	0	6.50	AD	FS	FS		No
2008	pH	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	38	38	0	6.50	AD	FS	FS		No
2008	pH	2304_04	Hwy 277 (Eagle Pass) to El Indio	28	28	0	6.50	AD	FS	FS		No
2008	pH	2304_05	El Indio to the Columbia Bridge	54	54	0	6.50	AD	FS	FS		No
2008	pH	2304_06	Columbia Bridge to the World Trade Center Bridge	18	18	0	6.50	AD	FS	FS		No
2008	pH	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	21	21	0	6.50	AD	FS	FS		No
2008	pH	2304_08	Laredo water treatment plant intake to International Bridge #2	22	22	0	6.50	AD	FS	FS		No
2008	pH	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	113	113	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2304_01	Amistad Dam to San Felipe Creek confluence	75	75	0	0.33	AD	NC	NC		No
2008	Ammonia	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	71	71	4	0.33	AD	NC	NC		No
2008	Ammonia	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	27	27	1	0.33	AD	NC	NC		No
2008	Ammonia	2304_04	Hwy 277 (Eagle Pass) to El Indio	24	24	1	0.33	AD	NC	NC		No
2008	Ammonia	2304_05	El Indio to the Columbia Bridge	48	48	0	0.33	AD	NC	NC		No
2008	Ammonia	2304_06	Columbia Bridge to the World Trade Center Bridge	15	15	1	0.33	AD	NC	NC		No
2008	Ammonia	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	15	15	0	0.33	AD	NC	NC		No
2008	Ammonia	2304_08	Laredo water treatment plant intake to International Bridge #2	18	18	3	0.33	AD	NC	NC		No
2008	Ammonia	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	98	98	8	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2304_01	Amistad Dam to San Felipe Creek confluence	51	51	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	72	72	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	24	24	3	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2304_04	Hwy 277 (Eagle Pass) to El Indio	23	23	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2304_05	El Indio to the Columbia Bridge	49	49	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2304_06	Columbia Bridge to the World Trade Center Bridge	17	17	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	17	17	0	14.10	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Chlorophyll-a	2304_08	Laredo water treatment plant intake to International Bridge #2	20	20	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	66	66	1	14.10	AD	NC	NC		No
2008	Nitrate	2304_01	Amistad Dam to San Felipe Creek confluence	81	81	1	1.95	AD	NC	NC		No
2008	Nitrate	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	75	75	4	1.95	AD	NC	NC		No
2008	Nitrate	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	29	29	1	1.95	AD	NC	NC		No
2008	Nitrate	2304_04	Hwy 277 (Eagle Pass) to El Indio	24	24	0	1.95	AD	NC	NC		No
2008	Nitrate	2304_05	El Indio to the Columbia Bridge	49	49	3	1.95	AD	NC	NC		No
2008	Nitrate	2304_06	Columbia Bridge to the World Trade Center Bridge	16	16	2	1.95	AD	NC	NC		No
2008	Nitrate	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	17	17	2	1.95	AD	NC	NC		No
2008	Nitrate	2304_08	Laredo water treatment plant intake to International Bridge #2	20	20	3	1.95	AD	NC	NC		No
2008	Nitrate	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	106	106	5	1.95	AD	NC	NC		No
2008	Orthophosphorus	2304_01	Amistad Dam to San Felipe Creek confluence	76	76	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	57	57	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	22	22	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2304_04	Hwy 277 (Eagle Pass) to El Indio	23	23	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2304_05	El Indio to the Columbia Bridge	40	40	2	0.37	AD	NC	NC		No

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Orthophosphorus	2304_06	Columbia Bridge to the World Trade Center Bridge	10	10	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	12	12	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2304_08	Laredo water treatment plant intake to International Bridge #2	16	16	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	94	94	3	0.37	AD	NC	NC		No
2008	Total Phosphorus	2304_01	Amistad Dam to San Felipe Creek confluence	76	76	2	0.69	AD	NC	NC		No
2008	Total Phosphorus	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	68	68	4	0.69	AD	NC	NC		No
2008	Total Phosphorus	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	26	26	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2304_04	Hwy 277 (Eagle Pass) to El Indio	23	23	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2304_05	El Indio to the Columbia Bridge	50	50	4	0.69	AD	NC	NC		No
2008	Total Phosphorus	2304_06	Columbia Bridge to the World Trade Center Bridge	17	17	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	17	17	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2304_08	Laredo water treatment plant intake to International Bridge #2	20	20	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	106	106	3	0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304      **Rio Grande Below Amistad Reservoir**

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**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Water Temperature</b>												
2008	2304_01	Amistad Dam to San Felipe Creek confluence	89	89	0	35.00	AD	FS	FS		No	
2008	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	88	88	0	35.00	AD	FS	FS		No	
2008	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	39	39	0	35.00	AD	FS	FS		No	
2008	2304_04	Hwy 277 (Eagle Pass) to El Indio	28	28	0	35.00	AD	FS	FS		No	
2008	2304_05	El Indio to the Columbia Bridge	54	54	1	35.00	AD	FS	FS		No	
2008	2304_06	Columbia Bridge to the World Trade Center Bridge	17	17	0	35.00	AD	FS	FS		No	
2008	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	21	21	0	35.00	AD	FS	FS		No	
2008	2304_08	Laredo water treatment plant intake to International Bridge #2	22	22	0	35.00	AD	FS	FS		No	
2008	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	113	113	0	35.00	AD	FS	FS		No	

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 2304 Rio Grande Below Amistad Reservoir**

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<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Public Water Supply Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>	
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Chloride	2304_01	Amistad Dam to San Felipe Creek confluence						OE	NC	NC		No
2008	Chloride	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence						OE	NC	NC		No
2008	Chloride	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)						OE	NC	NC		No
2008	Chloride	2304_04	Hwy 277 (Eagle Pass) to El Indio						OE	NC	NC		No
2008	Chloride	2304_05	El Indio to the Columbia Bridge						OE	NC	NC		No
2008	Chloride	2304_06	Columbia Bridge to the World Trade Center Bridge						OE	NC	NC		No
2008	Chloride	2304_07	World Trade Center Bridge to Laredo water treatment plant intake						OE	NC	NC		No
2008	Chloride	2304_08	Laredo water treatment plant intake to International Bridge #2						OE	NC	NC		No
2008	Chloride	2304_09	International Bridge # 2 to just below Chacon Creek confluence						OE	NC	NC		No
2008	Chloride	2304_10	Chacon Creek confluence to the Arroyo Salado confluence						OE	NC	NC		No
2008	Sulfate	2304_01	Amistad Dam to San Felipe Creek confluence						OE	NC	NC		No
2008	Sulfate	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence						OE	NC	NC		No
2008	Sulfate	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)						OE	NC	NC		No
2008	Sulfate	2304_04	Hwy 277 (Eagle Pass) to El Indio						OE	NC	NC		No
2008	Sulfate	2304_05	El Indio to the Columbia Bridge						OE	NC	NC		No
2008	Sulfate	2304_06	Columbia Bridge to the World Trade Center Bridge						OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Sulfate	2304_07	World Trade Center Bridge to Laredo water treatment plant intake						OE	NC	NC		No
2008	Sulfate	2304_08	Laredo water treatment plant intake to International Bridge #2						OE	NC	NC		No
2008	Sulfate	2304_09	International Bridge # 2 to just below Chacon Creek confluence						OE	NC	NC		No
2008	Sulfate	2304_10	Chacon Creek confluence to the Arroyo Salado confluence						OE	NC	NC		No
2008	Total Dissolved Solids	2304_01	Amistad Dam to San Felipe Creek confluence						OE	NC	NC		No
2008	Total Dissolved Solids	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence						OE	NC	NC		No
2008	Total Dissolved Solids	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)						OE	NC	NC		No
2008	Total Dissolved Solids	2304_04	Hwy 277 (Eagle Pass) to El Indio						OE	NC	NC		No
2008	Total Dissolved Solids	2304_05	El Indio to the Columbia Bridge						OE	NC	NC		No
2008	Total Dissolved Solids	2304_06	Columbia Bridge to the World Trade Center Bridge						OE	NC	NC		No
2008	Total Dissolved Solids	2304_07	World Trade Center Bridge to Laredo water treatment plant intake						OE	NC	NC		No
2008	Total Dissolved Solids	2304_08	Laredo water treatment plant intake to International Bridge #2						OE	NC	NC		No
2008	Total Dissolved Solids	2304_09	International Bridge # 2 to just below Chacon Creek confluence						OE	NC	NC		No
2008	Total Dissolved Solids	2304_10	Chacon Creek confluence to the Arroyo Salado confluence						OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

**2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers:** FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2304 Rio Grande Below Amistad Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Public Water Supply Use

##### **Finished Drinking Water MCLs and Toxic Substances running average**

2008	Multiple	2304_01	Amistad Dam to San Felipe Creek confluence						OE	FS	FS		No
2008	Multiple	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence						OE	FS	FS		No
2008	Multiple	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)						OE	FS	FS		No
2008	Multiple	2304_04	Hwy 277 (Eagle Pass) to El Indio						OE	FS	FS		No
2008	Multiple	2304_05	El Indio to the Columbia Bridge						OE	FS	FS		No
2008	Multiple	2304_06	Columbia Bridge to the World Trade Center Bridge						OE	FS	FS		No
2008	Multiple	2304_07	World Trade Center Bridge to Laredo water treatment plant intake						OE	FS	FS		No
2008	Multiple	2304_08	Laredo water treatment plant intake to International Bridge #2						OE	FS	FS		No
2008	Multiple	2304_09	International Bridge # 2 to just below Chacon Creek confluence						OE	FS	FS		No
2008	Multiple	2304_10	Chacon Creek confluence to the Arroyo Salado confluence						OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

**2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers:** FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2304 Rio Grande Below Amistad Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Public Water Supply Use

##### **Finished Drinking Water MCLs Concern**

2008	Multiple	2304_01	Amistad Dam to San Felipe Creek confluence						OE	NC	NC		No
2008	Multiple	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence						OE	NC	NC		No
2008	Multiple	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)						OE	NC	NC		No
2008	Multiple	2304_04	Hwy 277 (Eagle Pass) to El Indio						OE	NC	NC		No
2008	Multiple	2304_05	El Indio to the Columbia Bridge						OE	NC	NC		No
2008	Multiple	2304_06	Columbia Bridge to the World Trade Center Bridge						OE	NC	NC		No
2008	Multiple	2304_07	World Trade Center Bridge to Laredo water treatment plant intake						OE	NC	NC		No
2008	Multiple	2304_08	Laredo water treatment plant intake to International Bridge #2						OE	NC	NC		No
2008	Multiple	2304_09	International Bridge # 2 to just below Chacon Creek confluence						OE	NC	NC		No
2008	Multiple	2304_10	Chacon Creek confluence to the Arroyo Salado confluence						OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	2304_01	Amistad Dam to San Felipe Creek confluence	22	22			AD	FS	FS		No
2006	Multiple	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	22	22			AD	FS	FS		No
2006	Multiple	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	22	22			AD	FS	FS		No
2006	Multiple	2304_04	Hwy 277 (Eagle Pass) to El Indio	22	22			AD	FS	FS		No
2006	Multiple	2304_05	El Indio to the Columbia Bridge	22	22			AD	FS	FS		No
2006	Multiple	2304_06	Columbia Bridge to the World Trade Center Bridge	22	22			AD	FS	FS		No
2006	Multiple	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	22	22			AD	FS	FS		No
2006	Multiple	2304_08	Laredo water treatment plant intake to International Bridge #2	22	22			AD	FS	FS		No
2006	Multiple	2304_09	International Bridge # 2 to just below Chacon Creek confluence	22	22			AD	FS	FS		No
2006	Multiple	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	22	22			AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2304_01	Amistad Dam to San Felipe Creek confluence	32	32	0	23.35	126.00	AD	FS	FS	No
2008	E. coli	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	55	55	1	225.46	126.00	AD	NS	NS	5c No
2008	E. coli	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	17	17	0	47.19	126.00	AD	FS	FS	No
2008	E. coli	2304_04	Hwy 277 (Eagle Pass) to El Indio	16	16	0	88.94	126.00	AD	FS	FS	No
2008	E. coli	2304_05	El Indio to the Columbia Bridge	94	94	0	11.71	126.00	AD	FS	FS	No
2008	E. coli	2304_06	Columbia Bridge to the World Trade Center Bridge	14	14	0	11.02	126.00	AD	FS	FS	No
2008	E. coli	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	88	88	0	12.79	126.00	AD	FS	FS	No
2008	E. coli	2304_08	Laredo water treatment plant intake to International Bridge #2	114	114	1	348.57	126.00	AD	NS	NS	5c No
2008	E. coli	2304_09	International Bridge # 2 to just below Chacon Creek confluence	50	50	1	332.48	126.00	AD	NS	NS	5c No
2008	E. coli	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	144	144	1	146.10	126.00	AD	NS	NS	5c No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2304 Rio Grande Below Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	2304_01	Amistad Dam to San Felipe Creek confluence	32	32	0	394.00	AD	FS	FS		No
2008	E. coli	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	55	55	23	394.00	AD	NS	NS	5c	No
2008	E. coli	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	17	17	4	394.00	AD	FS	FS		No
2008	E. coli	2304_04	Hwy 277 (Eagle Pass) to El Indio	16	16	5	394.00	AD	CN	CN		No
2008	E. coli	2304_05	El Indio to the Columbia Bridge	94	94	3	394.00	AD	FS	FS		No
2008	E. coli	2304_06	Columbia Bridge to the World Trade Center Bridge	14	14	0	394.00	AD	FS	FS		No
2008	E. coli	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	88	88	3	394.00	AD	FS	FS		No
2008	E. coli	2304_08	Laredo water treatment plant intake to International Bridge #2	114	114	59	394.00	AD	NS	NS	5c	No
2008	E. coli	2304_09	International Bridge # 2 to just below Chacon Creek confluence	50	50	21	394.00	AD	NS	NS	5c	No
2008	E. coli	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	144	144	53	394.00	AD	NS	NS	5c	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2305 International Amistad Reservoir

Water body type: Reservoir

Water body size: 64,900 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2305_01	Rio Grande Arm	196	26	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2305_02	Devils River arm	122	27	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2305_03	Area around International Boundary Buoy I (dam)	151	26	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2305_01	Rio Grande Arm	196	26	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2305_02	Devils River arm	122	27	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2305_03	Area around International Boundary Buoy I (dam)	151	26	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	2305_01	Rio Grande Arm	18	18			AD	NC	NC		No
2006	Multiple	2305_02	Devils River arm	18	18			AD	NC	NC		No
2006	Multiple	2305_03	Area around International Boundary Buoy I (dam)	18	18			AD	NC	NC		No
2006	Multiple	2305_04	Remainder of segment	18	18			AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2305 International Amistad Reservoir

Water body type: Reservoir

Water body size: 64,900 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2305_01	Rio Grande Arm	67	67		97.90	150.00	AD	FS	FS	No
2008	Chloride	2305_02	Devils River arm	67	67		97.90	150.00	AD	FS	FS	No
2008	Chloride	2305_03	Area around International Boundary Buoy I (dam)	67	67		97.90	150.00	AD	FS	FS	No
2008	Chloride	2305_04	Remainder of segment	67	67		97.90	150.00	AD	FS	FS	No
2008	Sulfate	2305_01	Rio Grande Arm	67	67		145.20	270.00	AD	FS	FS	No
2008	Sulfate	2305_02	Devils River arm	67	67		145.20	270.00	AD	FS	FS	No
2008	Sulfate	2305_03	Area around International Boundary Buoy I (dam)	67	67		145.20	270.00	AD	FS	FS	No
2008	Sulfate	2305_04	Remainder of segment	67	67		145.20	270.00	AD	FS	FS	No
2008	Total Dissolved Solids	2305_01	Rio Grande Arm	451	82		553.60	800.00	AD	FS	FS	No
2008	Total Dissolved Solids	2305_02	Devils River arm	451	82		553.60	800.00	AD	FS	FS	No
2008	Total Dissolved Solids	2305_03	Area around International Boundary Buoy I (dam)	451	82		553.60	800.00	AD	FS	FS	No
2008	Total Dissolved Solids	2305_04	Remainder of segment	451	82		553.60	800.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	2305_01	Rio Grande Arm	196	26	0		9.00	AD	FS	FS	No
2008	pH	2305_02	Devils River arm	122	27	0		9.00	AD	FS	FS	No
2008	pH	2305_03	Area around International Boundary Buoy I (dam)	151	26	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	2305_01	Rio Grande Arm	196	26	0		6.50	AD	FS	FS	No
2008	pH	2305_02	Devils River arm	122	27	0		6.50	AD	FS	FS	No
2008	pH	2305_03	Area around International Boundary Buoy I (dam)	151	26	0		6.50	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2305 International Amistad Reservoir

**Water body type:** Reservoir

**Water body size:** 64,900 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2305_01	Rio Grande Arm	23	23	0	0.11	AD	NC	NC		No
2008	Ammonia	2305_02	Devils River arm	22	22	0	0.11	AD	NC	NC		No
2008	Ammonia	2305_03	Area around International Boundary Buoy I (dam)	22	22	1	0.11	AD	NC	NC		No
2008	Chlorophyll-a	2305_01	Rio Grande Arm	22	22	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	2305_02	Devils River arm	21	21	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	2305_03	Area around International Boundary Buoy I (dam)	20	20	0	26.70	AD	NC	NC		No
2008	Nitrate	2305_01	Rio Grande Arm	23	23	6	0.37	AD	NC	NC		No
2008	Nitrate	2305_02	Devils River arm	22	22	15	0.37	AD	CS	CS		No
2008	Nitrate	2305_03	Area around International Boundary Buoy I (dam)	21	21	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	2305_01	Rio Grande Arm	23	23	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	2305_02	Devils River arm	22	22	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	2305_03	Area around International Boundary Buoy I (dam)	21	21	1	0.05	AD	NC	NC		No
2008	Total Phosphorus	2305_01	Rio Grande Arm	23	23	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	2305_02	Devils River arm	22	22	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	2305_03	Area around International Boundary Buoy I (dam)	22	22	1	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	2305_01	Rio Grande Arm	196	26	0	31.10	AD	FS	FS		No
2008	Temperature	2305_02	Devils River arm	122	27	0	31.10	AD	FS	FS		No
2008	Temperature	2305_03	Area around International Boundary Buoy I (dam)	151	26	0	31.10	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2305 International Amistad Reservoir

Water body type: Reservoir

Water body size: 64,900 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	2305_01						OE	NC	NC		No
2008	Multiple	2305_02						OE	NC	NC		No
2008	Multiple	2305_03						OE	NC	NC		No
2008	Multiple	2305_04						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	2305_01						OE	FS	FS		No
2008	Multiple	2305_02						OE	FS	FS		No
2008	Multiple	2305_03						OE	FS	FS		No
2008	Multiple	2305_04						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	2305_01						OE	NC	NC		No
2008	Multiple	2305_02						OE	NC	NC		No
2008	Multiple	2305_03						OE	NC	NC		No
2008	Multiple	2305_04						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	2305_01		42	42		4,000.00	AD	FS	FS		No
2006	Fluoride	2305_02		42	42		4,000.00	AD	FS	FS		No
2006	Fluoride	2305_03		42	42		4,000.00	AD	FS	FS		No
2006	Fluoride	2305_04		42	42		4,000.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2305 International Amistad Reservoir

Water body type: Reservoir

Water body size: 64,900 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2305_01	Rio Grande Arm	11	11	0	0.85	126.00	AD	FS	FS	No
2008	E. coli	2305_02	Devils River arm	13	13	0	1.50	126.00	AD	FS	FS	No
2008	E. coli	2305_03	Area around International Boundary Buoy I (dam)	13	13	0	0.56	126.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	2305_01	Rio Grande Arm	11	11	0		394.00	AD	FS	FS	No
2008	E. coli	2305_02	Devils River arm	13	13	0		394.00	AD	FS	FS	No
2008	E. coli	2305_03	Area around International Boundary Buoy I (dam)	13	13	0		394.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Ambient Toxicity tests in water</b>												
2008	Water Acute Toxicity	2306_01	Confluence with Rio Conchos to Alamito Creek	9	8	0		LD	NC	NC		No
2008	Water Acute Toxicity	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	10	10	0		AD	FS	FS		No
<b>Acute Toxic Substances in water</b>												
2006	Multiple	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	5	5			LD	NC	NC		No
2006	Multiple	2306_05	Mariscal Canyon to Boquillas Canyon	2	2			ID	NA	NA		No
2006	Multiple	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	37	37			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	5	5			LD	NC	NC		No
2006	Multiple	2306_05	Mariscal Canyon to Boquillas Canyon	2	2			ID	NA	NA		No
2006	Multiple	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	37	37			AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2306_01	Confluence with Rio Conchos to Alamito Creek	182	182	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	84	84	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2306_05	Mariscal Canyon to Boquillas Canyon	46	46	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2306_06	Boquillas Canyon to FM 2627	21	21	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	45	45	0	3.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2306_01	Confluence with Rio Conchos to Alamito Creek	182	182	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	84	84	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2306_05	Mariscal Canyon to Boquillas Canyon	46	46	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2306_06	Boquillas Canyon to FM 2627	21	21	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	45	45	1	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	2306_01	Confluence with Rio Conchos to Alamito Creek	16	16			AD	NC	NC		No
2006	Multiple	2306_02	Alamito Creek to mouth of Santa Elena Canyon	16	16			AD	NC	NC		No
2006	Multiple	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	16	16			AD	NC	NC		No
2006	Multiple	2306_04	Johnson Ranch to Mariscal Canyon	16	16			AD	NC	NC		No
2006	Multiple	2306_05	Mariscal Canyon to Boquillas Canyon	16	16			AD	NC	NC		No
2006	Multiple	2306_06	Boquillas Canyon to FM 2627	16	16			AD	NC	NC		No
2006	Multiple	2306_07	FM 2627 to Dryden Crossing	16	16			AD	NC	NC		No
2006	Multiple	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	16	16			AD	NC	NC		No
<b>TOXNET ambient toxicity tests in water - lethality</b>												
2008	Water Toxicity - Lethal Effects	2306_01	Confluence with Rio Conchos to Alamito Creek	6	6	1		LD	NC	NC		No
<b>TOXNET ambient toxicity tests in water - sublethality</b>												
2008	Water Toxicity - Sublethal Effec	2306_01	Confluence with Rio Conchos to Alamito Creek	4	2			ID	NA	NA		No

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Mercury	2306_01	Confluence with Rio Conchos to Alamito Creek	27	27		0.53	AD	NC	NC		No
2006	Mercury	2306_02	Alamito Creek to mouth of Santa Elena Canyon	27	27		0.53	AD	NC	NC		No
2006	Mercury	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	27	27		0.53	AD	NC	NC		No
2006	Mercury	2306_04	Johnson Ranch to Mariscal Canyon	27	27		0.53	AD	NC	NC		No
2006	Mercury	2306_05	Mariscal Canyon to Boquillas Canyon	27	27		0.53	AD	NC	NC		No
2006	Mercury	2306_06	Boquillas Canyon to FM 2627	27	27		0.53	AD	NC	NC		No
2006	Mercury	2306_07	FM 2627 to Dryden Crossing	27	27		0.53	AD	NC	NC		No
2006	Mercury	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	27	27		0.53	AD	NC	NC		No
2006	Multiple	2306_01	Confluence with Rio Conchos to Alamito Creek	27	27		0.00	AD	NC	NC		No
2006	Multiple	2306_02	Alamito Creek to mouth of Santa Elena Canyon	27	27		0.00	AD	NC	NC		No
2006	Multiple	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	27	27		0.00	AD	NC	NC		No
2006	Multiple	2306_04	Johnson Ranch to Mariscal Canyon	27	27		0.00	AD	NC	NC		No
2006	Multiple	2306_05	Mariscal Canyon to Boquillas Canyon	27	27		0.00	AD	NC	NC		No
2006	Multiple	2306_06	Boquillas Canyon to FM 2627	27	27		0.00	AD	NC	NC		No
2006	Multiple	2306_07	FM 2627 to Dryden Crossing	27	27		0.00	AD	NC	NC		No
2006	Multiple	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	27	27		0.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 313 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Fish Consumption Use

##### **DSHS Advisories, Closures, and Risk Assessments**

2008	Risk Assess.- No Advisory	2306_01	Confluence with Rio Conchos to Alamito Creek						OE	FS	FS		No
2008	Risk Assess.- No Advisory	2306_02	Alamito Creek to mouth of Santa Elena Canyon						OE	FS	FS		No
2008	Risk Assess.- No Advisory	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch						OE	FS	FS		No
2008	Risk Assess.- No Advisory	2306_04	Johnson Ranch to Mariscal Canyon						OE	FS	FS		No
2008	Risk Assess.- No Advisory	2306_05	Mariscal Canyon to Boquillas Canyon						OE	FS	FS		No
2008	Risk Assess.- No Advisory	2306_06	Boquillas Canyon to FM 2627						OE	FS	FS		No
2008	Risk Assess.- No Advisory	2306_07	FM 2627 to Dryden Crossing						OE	FS	FS		No
2008	Risk Assess.- No Advisory	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon						OE	FS	FS		No

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**Segment ID: 2306 Rio Grande Above Amistad Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 313 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2306_01	Confluence with Rio Conchos to Alamito Creek	277	277	259.20	300.00	AD	FS	FS		No
2008	Chloride	2306_02	Alamito Creek to mouth of Santa Elena Canyon	277	277	259.20	300.00	AD	FS	FS		No
2008	Chloride	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	277	277	259.20	300.00	AD	FS	FS		No
2008	Chloride	2306_04	Johnson Ranch to Mariscal Canyon	277	277	259.20	300.00	AD	FS	FS		No
2008	Chloride	2306_05	Mariscal Canyon to Boquillas Canyon	277	277	259.20	300.00	AD	FS	FS		No
2008	Chloride	2306_06	Boquillas Canyon to FM 2627	277	277	259.20	300.00	AD	FS	FS		No
2008	Chloride	2306_07	FM 2627 to Dryden Crossing	277	277	259.20	300.00	AD	FS	FS		No
2008	Chloride	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	277	277	259.20	300.00	AD	FS	FS		No
2008	Sulfate	2306_01	Confluence with Rio Conchos to Alamito Creek	276	276	524.40	570.00	AD	FS	FS		No
2008	Sulfate	2306_02	Alamito Creek to mouth of Santa Elena Canyon	276	276	524.40	570.00	AD	FS	FS		No
2008	Sulfate	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	276	276	524.40	570.00	AD	FS	FS		No
2008	Sulfate	2306_04	Johnson Ranch to Mariscal Canyon	276	276	524.40	570.00	AD	FS	FS		No
2008	Sulfate	2306_05	Mariscal Canyon to Boquillas Canyon	276	276	524.40	570.00	AD	FS	FS		No
2008	Sulfate	2306_06	Boquillas Canyon to FM 2627	276	276	524.40	570.00	AD	FS	FS		No
2008	Sulfate	2306_07	FM 2627 to Dryden Crossing	276	276	524.40	570.00	AD	FS	FS		No
2008	Sulfate	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	276	276	524.40	570.00	AD	FS	FS		No
2008	Total Dissolved Solids	2306_01	Confluence with Rio Conchos to Alamito Creek	1,048	1,048	1,384.20	1,550.00	AD	FS	FS		No

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Total Dissolved Solids	2306_02	Alamito Creek to mouth of Santa Elena Canyon	392	392		1,384.20	1,550.00	AD	FS	FS	No
2008	Total Dissolved Solids	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	392	392		1,384.20	1,550.00	AD	FS	FS	No
2008	Total Dissolved Solids	2306_04	Johnson Ranch to Mariscal Canyon	392	392		1,384.20	1,550.00	AD	FS	FS	No
2008	Total Dissolved Solids	2306_05	Mariscal Canyon to Boquillas Canyon	392	392		1,384.20	1,550.00	AD	FS	FS	No
2008	Total Dissolved Solids	2306_06	Boquillas Canyon to FM 2627	392	392		1,384.20	1,550.00	AD	FS	FS	No
2008	Total Dissolved Solids	2306_07	FM 2627 to Dryden Crossing	392	392		1,384.20	1,550.00	AD	FS	FS	No
2008	Total Dissolved Solids	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	392	392		1,384.20	1,550.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	2306_01	Confluence with Rio Conchos to Alamito Creek	186	186	0		9.00	AD	FS	FS	No
2008	pH	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	81	81	1		9.00	AD	FS	FS	No
2008	pH	2306_05	Mariscal Canyon to Boquillas Canyon	47	47	0		9.00	AD	FS	FS	No
2008	pH	2306_06	Boquillas Canyon to FM 2627	23	23	0		9.00	AD	FS	FS	No
2008	pH	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	45	45	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	2306_01	Confluence with Rio Conchos to Alamito Creek	186	186	1		6.50	AD	FS	FS	No
2008	pH	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	81	81	0		6.50	AD	FS	FS	No
2008	pH	2306_05	Mariscal Canyon to Boquillas Canyon	47	47	0		6.50	AD	FS	FS	No
2008	pH	2306_06	Boquillas Canyon to FM 2627	23	23	0		6.50	AD	FS	FS	No
2008	pH	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	45	45	0		6.50	AD	FS	FS	No

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 313 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2306_01	Confluence with Rio Conchos to Alamito Creek	86	86	7	0.33	AD	NC	NC		No
2008	Ammonia	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	63	63	3	0.33	AD	NC	NC		No
2008	Ammonia	2306_05	Mariscal Canyon to Boquillas Canyon	37	37	3	0.33	AD	NC	NC		No
2008	Ammonia	2306_06	Boquillas Canyon to FM 2627	25	25	1	0.33	AD	NC	NC		No
2008	Ammonia	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	40	40	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2306_01	Confluence with Rio Conchos to Alamito Creek	65	65	34	14.10	AD	CS	CS		No
2008	Chlorophyll-a	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	63	63	26	14.10	AD	CS	CS		No
2008	Chlorophyll-a	2306_05	Mariscal Canyon to Boquillas Canyon	37	37	10	14.10	AD	CS	CS		No
2008	Chlorophyll-a	2306_06	Boquillas Canyon to FM 2627	24	24	8	14.10	AD	CS	CS		No
2008	Chlorophyll-a	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	12	12	0	14.10	AD	NC	NC		No
2008	Nitrate	2306_01	Confluence with Rio Conchos to Alamito Creek	89	89	13	1.95	AD	NC	NC		No
2008	Nitrate	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	57	57	3	1.95	AD	NC	NC		No
2008	Nitrate	2306_05	Mariscal Canyon to Boquillas Canyon	33	33	2	1.95	AD	NC	NC		No
2008	Nitrate	2306_06	Boquillas Canyon to FM 2627	25	25	0	1.95	AD	NC	NC		No
2008	Nitrate	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	46	46	1	1.95	AD	NC	NC		No
2008	Orthophosphorus	2306_01	Confluence with Rio Conchos to Alamito Creek	75	75	7	0.37	AD	NC	NC		No
2008	Orthophosphorus	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	42	42	4	0.37	AD	NC	NC		No

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Orthophosphorus	2306_05	Mariscal Canyon to Boquillas Canyon	20	20	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	2306_06	Boquillas Canyon to FM 2627	25	25	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	41	41	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	2306_01	Confluence with Rio Conchos to Alamito Creek	91	91	8	0.69	AD	NC	NC		No
2008	Total Phosphorus	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	68	68	12	0.69	AD	NC	NC		No
2008	Total Phosphorus	2306_05	Mariscal Canyon to Boquillas Canyon	41	41	8	0.69	AD	NC	NC		No
2008	Total Phosphorus	2306_06	Boquillas Canyon to FM 2627	25	25	5	0.69	AD	NC	NC		No
2008	Total Phosphorus	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	45	45	12	0.69	AD	CS	CS		No
<b>Water Temperature</b>												
2008	Temperature	2306_01	Confluence with Rio Conchos to Alamito Creek	186	186	0	33.90	AD	FS	FS		No
2008	Temperature	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	84	84	0	33.90	AD	FS	FS		No
2008	Temperature	2306_05	Mariscal Canyon to Boquillas Canyon	47	47	0	33.90	AD	FS	FS		No
2008	Temperature	2306_06	Boquillas Canyon to FM 2627	23	23	0	33.90	AD	FS	FS		No
2008	Temperature	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	45	45	0	33.90	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 2306 Rio Grande Above Amistad Reservoir**

**Water body type:** Freshwater Stream

**Water body size:** 313 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Public Water Supply Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Chloride	2306_01	Confluence with Rio Conchos to Alamito Creek						OE	NC	NC		No
2008	Chloride	2306_02	Alamito Creek to mouth of Santa Elena Canyon						OE	NC	NC		No
2008	Chloride	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch						OE	NC	NC		No
2008	Chloride	2306_04	Johnson Ranch to Mariscal Canyon						OE	NC	NC		No
2008	Chloride	2306_05	Mariscal Canyon to Boquillas Canyon						OE	NC	NC		No
2008	Chloride	2306_06	Boquillas Canyon to FM 2627						OE	NC	NC		No
2008	Chloride	2306_07	FM 2627 to Dryden Crossing						OE	NC	NC		No
2008	Chloride	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon						OE	NC	NC		No
2008	Sulfate	2306_01	Confluence with Rio Conchos to Alamito Creek						OE	NC	NC		No
2008	Sulfate	2306_02	Alamito Creek to mouth of Santa Elena Canyon						OE	NC	NC		No
2008	Sulfate	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch						OE	NC	NC		No
2008	Sulfate	2306_04	Johnson Ranch to Mariscal Canyon						OE	NC	NC		No
2008	Sulfate	2306_05	Mariscal Canyon to Boquillas Canyon						OE	NC	NC		No
2008	Sulfate	2306_06	Boquillas Canyon to FM 2627						OE	NC	NC		No
2008	Sulfate	2306_07	FM 2627 to Dryden Crossing						OE	NC	NC		No
2008	Sulfate	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon						OE	NC	NC		No
2008	Total Dissolved Solids	2306_01	Confluence with Rio Conchos to Alamito Creek						OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

**2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers:** FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2306 Rio Grande Above Amistad Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 313 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>	
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Total Dissolved Solids	2306_02	Alamito Creek to mouth of Santa Elena Canyon						OE	NC	NC		No
2008	Total Dissolved Solids	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch						OE	NC	NC		No
2008	Total Dissolved Solids	2306_04	Johnson Ranch to Mariscal Canyon						OE	NC	NC		No
2008	Total Dissolved Solids	2306_05	Mariscal Canyon to Boquillas Canyon						OE	NC	NC		No
2008	Total Dissolved Solids	2306_06	Boquillas Canyon to FM 2627						OE	NC	NC		No
2008	Total Dissolved Solids	2306_07	FM 2627 to Dryden Crossing						OE	NC	NC		No
2008	Total Dissolved Solids	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Multiple	2306_01	Confluence with Rio Conchos to Alamito Creek						OE	FS	FS		No
2008	Multiple	2306_02	Alamito Creek to mouth of Santa Elena Canyon						OE	FS	FS		No
2008	Multiple	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch						OE	FS	FS		No
2008	Multiple	2306_04	Johnson Ranch to Mariscal Canyon						OE	FS	FS		No
2008	Multiple	2306_05	Mariscal Canyon to Boquillas Canyon						OE	FS	FS		No
2008	Multiple	2306_06	Boquillas Canyon to FM 2627						OE	FS	FS		No
2008	Multiple	2306_07	FM 2627 to Dryden Crossing						OE	FS	FS		No
2008	Multiple	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon						OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	2306_01						OE	NC	NC		No
2008	Multiple	2306_02						OE	NC	NC		No
2008	Multiple	2306_03						OE	NC	NC		No
2008	Multiple	2306_04						OE	NC	NC		No
2008	Multiple	2306_05						OE	NC	NC		No
2008	Multiple	2306_06						OE	NC	NC		No
2008	Multiple	2306_07						OE	NC	NC		No
2008	Multiple	2306_08						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	2306_01	21	21				AD	FS	FS		No
2006	Multiple	2306_02	21	21				AD	FS	FS		No
2006	Multiple	2306_03	21	21				AD	FS	FS		No
2006	Multiple	2306_04	21	21				AD	FS	FS		No
2006	Multiple	2306_05	21	21				AD	FS	FS		No
2006	Multiple	2306_06	21	21				AD	FS	FS		No
2006	Multiple	2306_07	21	21				AD	FS	FS		No
2006	Multiple	2306_08	21	21				AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2306 Rio Grande Above Amistad Reservoir

Water body type: Freshwater Stream

Water body size: 313 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2008	E. coli	2306_01	Confluence with Rio Conchos to Alamito Creek	109	109	1	145.66	126.00	AD	NS	NS	5c	No
2008	E. coli	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	47	47	0	37.07	126.00	AD	FS	FS		No
2008	E. coli	2306_05	Mariscal Canyon to Boquillas Canyon	32	32	0	27.19	126.00	AD	FS	FS		No
2008	E. coli	2306_06	Boquillas Canyon to FM 2627	13	13	0	11.41	126.00	AD	FS	FS		No
2008	E. coli	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	5	5	0	22.32	126.00	LD	NC	NC		No
2008	Fecal coliform	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	8	8		27.60	200.00	LD	NC	NC		No
<b>Bacteria Single Sample</b>													
2008	E. coli	2306_01	Confluence with Rio Conchos to Alamito Creek	109	109	37		394.00	AD	NS	NS	5c	No
2008	E. coli	2306_03	Mouth of Santa Elena Canyon to Johnson Ranch	47	47	5		394.00	AD	FS	FS		No
2008	E. coli	2306_05	Mariscal Canyon to Boquillas Canyon	32	32	1		394.00	AD	FS	FS		No
2008	E. coli	2306_06	Boquillas Canyon to FM 2627	13	13	2		394.00	AD	FS	FS		No
2008	E. coli	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	5	5	0		394.00	LD	NC	NC		No
2008	Fecal coliform	2306_08	Dryden Crossing to lower segment boundary downstream of Ramsey Canyon	8	8	0		400.00	LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2306A Alamito Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 48 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Fish Consumption Use

##### **Bioaccumulative Toxics in fish tissue**

2006	Mercury	2306A_01	From the confluence with the Rio Grande to Casa Piedra	18	18	4		AD	NC	NC		No
2006	Multiple	2306A_01	From the confluence with the Rio Grande to Casa Piedra	18	18	0		AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

**Water body type:** Freshwater Stream

**Water body size:** 222 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b><u>Aquatic Life Use</u></b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	4	4	0		LD	NC	NC		No
2006	Multiple	2307_02	Guadalupe Bridge to the Alamo Grade Structure	7	7			LD	NC	NC		No
2006	Multiple	2307_03	Alamo Grade Structure to Little Box Canyon	7	7			LD	NC	NC		No
2006	Multiple	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence	8	8			TR	NA	NA		No
2006	Multiple	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	4	4	0		TR	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	4	4	0		LD	NC	NC		No
2006	Multiple	2307_02	Guadalupe Bridge to the Alamo Grade Structure	7	7			LD	NC	NC		No
2006	Multiple	2307_03	Alamo Grade Structure to Little Box Canyon	7	7			LD	NC	NC		No
2006	Multiple	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence	8	8			TR	NA	NA		No
2006	Multiple	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	4	4	0		TR	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	60	60	2	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2307_02	Guadalupe Bridge to the Alamo Grade Structure	84	84	5	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2307_03	Alamo Grade Structure to Little Box Canyon	36	36	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	74	74	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	60	60	3	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2307_02	Guadalupe Bridge to the Alamo Grade Structure	84	84	12	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	2307_03	Alamo Grade Structure to Little Box Canyon	36	36	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	74	74	2	5.00	AD	NC	NC		No
<b>Elutriate Toxicity tests in sediment</b>												
2008	Sediment Elutriate Toxicity	2307_02	Guadalupe Bridge to the Alamo Grade Structure	8	8	1		AD	NA	NA		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

**Water body type:** Freshwater Stream

**Water body size:** 222 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Multiple	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	6	6			LD	NC	NC		No
2006	Multiple	2307_02	Guadalupe Bridge to the Alamo Grade Structure	6	6			LD	NC	NC		No
2006	Multiple	2307_03	Alamo Grade Structure to Little Box Canyon	6	6			LD	NC	NC		No
2006	Multiple	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence	6	6			LD	NC	NC		No
2006	Multiple	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	6	6			LD	NC	NC		No
<b>TOXNET ambient toxicity tests in water - lethality</b>												
2008	Water Toxicity - Lethal Effects	2307_02	Guadalupe Bridge to the Alamo Grade Structure	8	8	0		AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Risk Assess.- No Advisory	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)					OE	FS	FS		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	29	29			AD	FS	FS		No
2006	Multiple	2307_02	Guadalupe Bridge to the Alamo Grade Structure	29	29			AD	FS	FS		No
2006	Multiple	2307_03	Alamo Grade Structure to Little Box Canyon	29	29			AD	FS	FS		No
2006	Multiple	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence	29	29			AD	FS	FS		No
2006	Multiple	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	29	29			AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 2307      **Rio Grande Below Riverside Diversion Dam**

**Water body type:** Freshwater Stream

**Water body size:** 222 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	221	221	484.00	300.00	AD	NS	NS	5c	No
2008	Chloride	2307_02	Guadalupe Bridge to the Alamo Grade Structure	221	221	484.00	300.00	AD	NS	NS	5c	No
2008	Chloride	2307_03	Alamo Grade Structure to Little Box Canyon	221	221	484.00	300.00	AD	NS	NS	5c	No
2008	Chloride	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence	221	221	484.00	300.00	AD	NS	NS	5c	No
2008	Chloride	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	221	221	484.00	300.00	AD	NS	NS	5c	No
2008	Sulfate	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	226	226	488.10	550.00	AD	FS	FS		No
2008	Sulfate	2307_02	Guadalupe Bridge to the Alamo Grade Structure	226	226	488.10	550.00	AD	FS	FS		No
2008	Sulfate	2307_03	Alamo Grade Structure to Little Box Canyon	226	226	488.10	550.00	AD	FS	FS		No
2008	Sulfate	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence	226	226	488.10	550.00	AD	FS	FS		No
2008	Sulfate	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	226	226	488.10	550.00	AD	FS	FS		No
2008	Total Dissolved Solids	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	265	265	1,734.20	1,500.00	AD	NS	NS	5c	No
2008	Total Dissolved Solids	2307_02	Guadalupe Bridge to the Alamo Grade Structure	265	265	1,734.20	1,500.00	AD	NS	NS	5c	No
2008	Total Dissolved Solids	2307_03	Alamo Grade Structure to Little Box Canyon	265	265	1,734.20	1,500.00	AD	NS	NS	5c	No
2008	Total Dissolved Solids	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence	265	265	1,734.20	1,500.00	AD	NS	NS	5c	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>General Use</b>													
<b>Dissolved Solids</b>													
2008	Total Dissolved Solids	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	265	265		1,734.20	1,500.00	AD	NS	NS	5c	No
<b>High pH</b>													
2008	pH	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	58	58	0		9.00	AD	FS	FS		No
2008	pH	2307_02	Guadalupe Bridge to the Alamo Grade Structure	84	84	0		9.00	AD	FS	FS		No
2008	pH	2307_03	Alamo Grade Structure to Little Box Canyon	36	36	0		9.00	AD	FS	FS		No
2008	pH	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	75	75	0		9.00	AD	FS	FS		No
<b>Low pH</b>													
2008	pH	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	58	58	0		6.50	AD	FS	FS		No
2008	pH	2307_02	Guadalupe Bridge to the Alamo Grade Structure	84	84	0		6.50	AD	FS	FS		No
2008	pH	2307_03	Alamo Grade Structure to Little Box Canyon	36	36	0		6.50	AD	FS	FS		No
2008	pH	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	75	75	0		6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

**2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers:** FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting;  
 NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

**Water body type:** Freshwater Stream

**Water body size:** 222 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	65	65	26	0.33	AD	CS	CS		No
2008	Ammonia	2307_02	Guadalupe Bridge to the Alamo Grade Structure	56	56	25	0.33	AD	CS	CS		No
2008	Ammonia	2307_03	Alamo Grade Structure to Little Box Canyon	38	38	19	0.33	AD	CS	CS		No
2008	Ammonia	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	68	68	5	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	66	66	16	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2307_02	Guadalupe Bridge to the Alamo Grade Structure	42	42	29	14.10	AD	CS	CS		No
2008	Chlorophyll-a	2307_03	Alamo Grade Structure to Little Box Canyon	38	38	28	14.10	AD	CS	CS		No
2008	Chlorophyll-a	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	66	66	38	14.10	AD	CS	CS		No
2008	Nitrate	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	61	61	17	1.95	AD	CS	CS		No
2008	Nitrate	2307_02	Guadalupe Bridge to the Alamo Grade Structure	42	42	14	1.95	AD	CS	CS		No
2008	Nitrate	2307_03	Alamo Grade Structure to Little Box Canyon	37	37	6	1.95	AD	NC	NC		No
2008	Nitrate	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	69	69	11	1.95	AD	NC	NC		No
2008	Orthophosphorus	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	53	53	38	0.37	AD	CS	CS		No
2008	Orthophosphorus	2307_02	Guadalupe Bridge to the Alamo Grade Structure	42	42	30	0.37	AD	CS	CS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Orthophosphorus	2307_03	Alamo Grade Structure to Little Box Canyon	36	36	19	0.37	AD	CS	CS		No
2008	Orthophosphorus	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	54	54	8	0.37	AD	NC	NC		No
2008	Total Phosphorus	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	63	63	33	0.69	AD	CS	CS		No
2008	Total Phosphorus	2307_02	Guadalupe Bridge to the Alamo Grade Structure	42	42	29	0.69	AD	CS	CS		No
2008	Total Phosphorus	2307_03	Alamo Grade Structure to Little Box Canyon	36	36	18	0.69	AD	CS	CS		No
2008	Total Phosphorus	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	70	70	15	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	60	60	0	33.90	AD	FS	FS		No
2008	Temperature	2307_02	Guadalupe Bridge to the Alamo Grade Structure	84	84	0	33.90	AD	FS	FS		No
2008	Temperature	2307_03	Alamo Grade Structure to Little Box Canyon	36	36	0	33.90	AD	FS	FS		No
2008	Temperature	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	75	75	0	33.90	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

**2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers:** FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 2307      **Rio Grande Below Riverside Diversion Dam**

**Water body type:** Freshwater Stream

**Water body size:** 222 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Public Water Supply Use

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Chloride	2307_01	Downstream of Riverside Dam to Guadalupe Bridge						OE	NC	NC		No
2008	Chloride	2307_02	Guadalupe Bridge to the Alamo Grade Structure						OE	NC	NC		No
2008	Chloride	2307_03	Alamo Grade Structure to Little Box Canyon						OE	NC	NC		No
2008	Chloride	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence						OE	NC	NC		No
2008	Chloride	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)						OE	NC	NC		No
2008	Sulfate	2307_01	Downstream of Riverside Dam to Guadalupe Bridge						OE	NC	NC		No
2008	Sulfate	2307_02	Guadalupe Bridge to the Alamo Grade Structure						OE	NC	NC		No
2008	Sulfate	2307_03	Alamo Grade Structure to Little Box Canyon						OE	NC	NC		No
2008	Sulfate	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence						OE	NC	NC		No
2008	Sulfate	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)						OE	NC	NC		No
2008	Total Dissolved Solids	2307_01	Downstream of Riverside Dam to Guadalupe Bridge						OE	NC	NC		No
2008	Total Dissolved Solids	2307_02	Guadalupe Bridge to the Alamo Grade Structure						OE	NC	NC		No
2008	Total Dissolved Solids	2307_03	Alamo Grade Structure to Little Box Canyon						OE	NC	NC		No
2008	Total Dissolved Solids	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence						OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Total Dissolved Solids	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Multiple	2307_01	Downstream of Riverside Dam to Guadalupe Bridge						OE	FS	FS		No
2008	Multiple	2307_02	Guadalupe Bridge to the Alamo Grade Structure						OE	FS	FS		No
2008	Multiple	2307_03	Alamo Grade Structure to Little Box Canyon						OE	FS	FS		No
2008	Multiple	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence						OE	FS	FS		No
2008	Multiple	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>													
2008	Multiple	2307_01	Downstream of Riverside Dam to Guadalupe Bridge						OE	NC	NC		No
2008	Multiple	2307_02	Guadalupe Bridge to the Alamo Grade Structure						OE	NC	NC		No
2008	Multiple	2307_03	Alamo Grade Structure to Little Box Canyon						OE	NC	NC		No
2008	Multiple	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence						OE	NC	NC		No
2008	Multiple	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)						OE	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Public Water Supply Use

##### Surface Water HH criteria for PWS average

2006	Multiple	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	25	25			AD	FS	FS		No
2006	Multiple	2307_02	Guadalupe Bridge to the Alamo Grade Structure	25	25			AD	FS	FS		No
2006	Multiple	2307_03	Alamo Grade Structure to Little Box Canyon	25	25			AD	FS	FS		No
2006	Multiple	2307_04	Little Box Canyon to 25 miles upstream of Rio Conchos confluence	25	25			AD	FS	FS		No
2006	Multiple	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	25	25			AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2008	E. coli	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	41	41	1	348.12	126.00	AD	NS	NS	5c	No
2008	E. coli	2307_02	Guadalupe Bridge to the Alamo Grade Structure	36	36	1	464.10	126.00	AD	NS	NS	5c	No
2008	E. coli	2307_03	Alamo Grade Structure to Little Box Canyon	29	29	0	75.72	126.00	AD	FS	FS		No
2008	E. coli	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	50	50	0	42.74	126.00	AD	FS	FS		No
2008	Fecal coliform	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	9	9	1	311.82	200.00	SM	CN	CN		No
2008	Fecal coliform	2307_02	Guadalupe Bridge to the Alamo Grade Structure	35	35	1	335.90	200.00	SM	NS	NS		No
2008	Fecal coliform	2307_03	Alamo Grade Structure to Little Box Canyon	15	15	0	149.93	200.00	AD	FS	FS		No
2008	Fecal coliform	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	59	59	0	81.23	200.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2307 Rio Grande Below Riverside Diversion Dam

Water body type: Freshwater Stream

Water body size: 222 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	41	41	20	394.00	AD	NS	NS	5c	No
2008	E. coli	2307_02	Guadalupe Bridge to the Alamo Grade Structure	36	36	21	394.00	AD	NS	NS	5c	No
2008	E. coli	2307_03	Alamo Grade Structure to Little Box Canyon	29	29	6	394.00	AD	FS	FS		No
2008	E. coli	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	50	50	2	394.00	AD	FS	FS		No
2008	Fecal coliform	2307_01	Downstream of Riverside Dam to Guadalupe Bridge	9	9	4	400.00	SM	CN	CN		No
2008	Fecal coliform	2307_02	Guadalupe Bridge to the Alamo Grade Structure	35	35	17	400.00	SM	NS	NS		No
2008	Fecal coliform	2307_03	Alamo Grade Structure to Little Box Canyon	15	15	3	400.00	AD	FS	FS		No
2008	Fecal coliform	2307_05	25 miles upstream of the Rio Conchos confluence (lower segment boundary)	59	59	4	400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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 NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2308 Rio Grande Below International Dam

Water body type: Freshwater Stream

Water body size: 15 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	2308_01	Entire segment	69	69			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	2308_01	Entire segment	69	69			AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2308_01	Entire segment	105	105	4	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2308_01	Entire segment	105	105	7	5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2308_01	Entire segment	94	94		155.00	AD	FS	FS		No
2008	Sulfate	2308_01	Entire segment	98	98		254.60	AD	FS	FS		No
2008	Total Dissolved Solids	2308_01	Entire segment	111	111		843.20	AD	FS	FS		No
<b>High pH</b>												
2008	pH	2308_01	Entire segment	106	106	7	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	2308_01	Entire segment	106	106	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2308_01	Entire segment	95	95	19	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2308_01	Entire segment	34	34	13	14.10	AD	CS	CS		No
2008	Nitrate	2308_01	Entire segment	33	33	16	2.00	AD	CS	CS		No
2008	Orthophosphorus	2308_01	Entire segment	33	33	8	0.37	AD	NC	NC		No
2008	Total Phosphorus	2308_01	Entire segment	32	32	11	0.69	AD	CS	CS		No
<b>Water Temperature</b>												
2008	Temperature	2308_01	Entire segment	109	109	0	33.90	AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2308_01	Entire segment	31	31		155.30	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID: 2309 Devils River**

**Water body type:** Freshwater Stream

**Water body size:** 67 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	18	18	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2309_03	From Falls Canyon to the lower segment boundary	24	24	0	4.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	18	18	0	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2309_03	From Falls Canyon to the lower segment boundary	24	24	0	6.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2309 Devils River

Water body type: Freshwater Stream

Water body size: 67 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2309_01	Dry Devils River (upper segment boundary) to Wallace Canyon	42	42		15.50	50.00	AD	FS	FS	No
2008	Chloride	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	42	42		15.50	50.00	AD	FS	FS	No
2008	Chloride	2309_03	From Falls Canyon to the lower segment boundary	42	42		15.50	50.00	AD	FS	FS	No
2008	Sulfate	2309_01	Dry Devils River (upper segment boundary) to Wallace Canyon	42	42		12.70	50.00	AD	FS	FS	No
2008	Sulfate	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	42	42		12.70	50.00	AD	FS	FS	No
2008	Sulfate	2309_03	From Falls Canyon to the lower segment boundary	42	42		12.70	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	2309_01	Dry Devils River (upper segment boundary) to Wallace Canyon	63	63		259.20	300.00	AD	FS	FS	No
2008	Total Dissolved Solids	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	63	63		259.20	300.00	AD	FS	FS	No
2008	Total Dissolved Solids	2309_03	From Falls Canyon to the lower segment boundary	63	63		259.20	300.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	18	18	0		9.00	AD	FS	FS	No
2008	pH	2309_03	From Falls Canyon to the lower segment boundary	24	24	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	18	18	0		6.50	AD	FS	FS	No
2008	pH	2309_03	From Falls Canyon to the lower segment boundary	24	24	1		6.50	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2309 Devils River

Water body type: Freshwater Stream

Water body size: 67 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	20	20	0	0.33	AD	NC	NC		No
2008	Ammonia	2309_03	From Falls Canyon to the lower segment boundary	22	22	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	19	19	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2309_03	From Falls Canyon to the lower segment boundary	22	22	0	14.10	AD	NC	NC		No
2008	Nitrate	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	19	19	0	1.95	AD	NC	NC		No
2008	Nitrate	2309_03	From Falls Canyon to the lower segment boundary	22	22	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	18	18	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2309_03	From Falls Canyon to the lower segment boundary	21	21	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	20	20	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2309_03	From Falls Canyon to the lower segment boundary	22	22	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence	18	18	0	32.20	AD	FS	FS		No
2008	Temperature	2309_03	From Falls Canyon to the lower segment boundary	37	37	0	32.20	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2309 Devils River

Water body type: Freshwater Stream

Water body size: 67 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>	
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Chloride	2309_01	Dry Devils River (upper segment boundary) to Wallace Canyon						OE	NC	NC		No
2008	Chloride	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence						OE	NC	NC		No
2008	Chloride	2309_03	From Falls Canyon to the lower segment boundary						OE	NC	NC		No
2008	Sulfate	2309_01	Dry Devils River (upper segment boundary) to Wallace Canyon						OE	NC	NC		No
2008	Sulfate	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence						OE	NC	NC		No
2008	Sulfate	2309_03	From Falls Canyon to the lower segment boundary						OE	NC	NC		No
2008	Total Dissolved Solids	2309_01	Dry Devils River (upper segment boundary) to Wallace Canyon						OE	NC	NC		No
2008	Total Dissolved Solids	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence						OE	NC	NC		No
2008	Total Dissolved Solids	2309_03	From Falls Canyon to the lower segment boundary						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Multiple	2309_01	Dry Devils River (upper segment boundary) to Wallace Canyon						OE	FS	FS		No
2008	Multiple	2309_02	From Wallace Canyon to Falls Canyon just below the Dolan Creek confluence						OE	FS	FS		No
2008	Multiple	2309_03	From Falls Canyon to the lower segment boundary						OE	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2309 Devils River

Water body type: Freshwater Stream

Water body size: 67 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	2309_01						OE	NC	NC		No
2008	Multiple	2309_02						OE	NC	NC		No
2008	Multiple	2309_03						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	2309_02	9	9		0.29	4,000.00	LD	NC	NC		No
2006	Fluoride	2309_03	9	9		0.29	4,000.00	AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2309_02	7	7	0	7.82	126.00	LD	NC	NC		No
2008	E. coli	2309_03	11	11	0	2.81	126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2008	E. coli	2309_02	7	7	0		394.00	LD	NC	NC		No
2008	E. coli	2309_03	11	11	0		394.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2309A Dolan Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 37 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	13	13			4.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	13	13	0		6.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	14	14	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	14	14	0		14.10	AD	NC	NC		No
2006	Nitrate	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	14	14	0		2.00	AD	NC	NC		No
2006	Orthophosphorus	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	14	14	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	14	14	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	2	2		7.00	126.00	ID	NA	NA		No
2006	Fecal coliform	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	10	10		4.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	2	2	0		394.00	ID	NA	NA		No
2006	Fecal coliform	2309A_01 From Yellow Bluff (near origin of Dolan Spring) to confl. with Devils River	10	10	0		400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2310 Lower Pecos River

Water body type: Freshwater Stream

Water body size: 89 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	2310_01	Upper segment boundary to Big Hackberry Canyon	25	25			AD	FS	FS		No
2006	Multiple	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	10	10			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	2310_01	Upper segment boundary to Big Hackberry Canyon	25	25			AD	FS	FS		No
2006	Multiple	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	10	10			AD	FS	FS		No
<b>Continuous Dissolved Oxygen Daily 24hr Average</b>												
2008	Continuous Dissolved Oxygen 2	2310_01	Upper segment boundary to Big Hackberry Canyon	587	587	0	5.00	AD	FS	FS		No
<b>Continuous Dissolved Oxygen Daily 24hr Minimum</b>												
2008	Continuous Dissolved Oxygen 2	2310_01	Upper segment boundary to Big Hackberry Canyon	587	587	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2310_01	Upper segment boundary to Big Hackberry Canyon	29	29	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	47	47	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2310_01	Upper segment boundary to Big Hackberry Canyon	29	29	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	47	47	0	5.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2310 Lower Pecos River

Water body type: Freshwater Stream

Water body size: 89 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2310_01	Upper segment boundary to Big Hackberry Canyon	76	76		839.30	1,700.00	AD	FS	FS	No
2008	Chloride	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	76	76		839.30	1,700.00	AD	FS	FS	No
2008	Sulfate	2310_01	Upper segment boundary to Big Hackberry Canyon	76	76		517.50	1,000.00	AD	FS	FS	No
2008	Sulfate	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	76	76		517.50	1,000.00	AD	FS	FS	No
2008	Total Dissolved Solids	2310_01	Upper segment boundary to Big Hackberry Canyon	77	77		2,526.90	4,000.00	AD	FS	FS	No
2008	Total Dissolved Solids	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	77	77		2,526.90	4,000.00	AD	FS	FS	No
<b>Fish Kill Reports</b>												
2008	Golden Alga	2310_01	Upper segment boundary to Big Hackberry Canyon						OE	CN	CN	No
2008	Golden Alga	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary						OE	CN	CN	No
<b>High pH</b>												
2008	pH	2310_01	Upper segment boundary to Big Hackberry Canyon	28	28	0		9.00	AD	FS	FS	No
2008	pH	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	46	46	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	2310_01	Upper segment boundary to Big Hackberry Canyon	28	28	0		6.50	AD	FS	FS	No
2008	pH	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	46	46	1		6.50	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2310 Lower Pecos River

Water body type: Freshwater Stream

Water body size: 89 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2310_01	Upper segment boundary to Big Hackberry Canyon	28	28	0	0.33	AD	NC	NC		No
2008	Ammonia	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	40	40	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2310_01	Upper segment boundary to Big Hackberry Canyon	26	26	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	14	14	1	14.10	AD	NC	NC		No
2008	Nitrate	2310_01	Upper segment boundary to Big Hackberry Canyon	28	28	0	1.95	AD	NC	NC		No
2008	Nitrate	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	45	45	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	2310_01	Upper segment boundary to Big Hackberry Canyon	26	26	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	47	47	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	2310_01	Upper segment boundary to Big Hackberry Canyon	28	28	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	40	40	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	2310_01	Upper segment boundary to Big Hackberry Canyon	29	29	0	33.30	AD	FS	FS		No
2008	Temperature	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	47	47	0	33.30	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2310 Lower Pecos River

**Water body type:** Freshwater Stream

**Water body size:** 89 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>	
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Chloride	2310_01	Upper segment boundary to Big Hackberry Canyon						OE	NC	NC		No
2008	Chloride	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary						OE	NC	NC		No
2008	Sulfate	2310_01	Upper segment boundary to Big Hackberry Canyon						OE	NC	NC		No
2008	Sulfate	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary						OE	NC	NC		No
2008	Total Dissolved Solids	2310_01	Upper segment boundary to Big Hackberry Canyon						OE	NC	NC		No
2008	Total Dissolved Solids	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Multiple	2310_01	Upper segment boundary to Big Hackberry Canyon						OE	FS	FS		No
2008	Multiple	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>													
2008	Multiple	2310_01	Upper segment boundary to Big Hackberry Canyon						OE	NC	NC		No
2008	Multiple	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>													
2006	Multiple	2310_01	23	23				AD	FS	FS		No	
2006	Multiple	2310_02	23	23				AD	FS	FS		No	

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2310 Lower Pecos River

Water body type: Freshwater Stream

Water body size: 89 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2310_01	Upper segment boundary to Big Hackberry Canyon	20	20	0	35.66	126.00	AD	FS	FS	No
2008	E. coli	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	6	6	0	2.28	126.00	LD	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	2310_01	Upper segment boundary to Big Hackberry Canyon	20	20	1		394.00	AD	FS	FS	No
2008	E. coli	2310_02	From FM 2083 near Pan Dale Rd to the lower segment boundary	6	6	0		394.00	LD	NC	NC	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2310A Independence Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 93 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	17	17	0			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	17	17				AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	20	20	0		4.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	20	20	0		6.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	20	20	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	20	20	0		14.10	AD	NC	NC		No
2006	Nitrate	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	20	20	0		2.00	AD	NC	NC		No
2006	Orthophosphorus	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	19	19	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	2310A_02 From Surveyor Canyon to the confluence with the Pecos River	20	20	0		0.69	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2310A Independence Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 93 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	2310A_02	From Surveyor Canyon to the confluence with the Pecos River	15	15		11.00	126.00	AD	FS	FS	No
2006	Fecal coliform	2310A_02	From Surveyor Canyon to the confluence with the Pecos River	20	20		11.00	200.00	SM	FS	FS	No
<b>Bacteria Single Sample</b>												
2006	E. coli	2310A_02	From Surveyor Canyon to the confluence with the Pecos River	15	15	0		394.00	AD	FS	FS	No
2006	Fecal coliform	2310A_02	From Surveyor Canyon to the confluence with the Pecos River	20	20	0		400.00	SM	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2311 Upper Pecos River

Water body type: Freshwater Stream

Water body size: 309 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Continuous Dissolved Oxygen Daily 24hr Average</b>												
2008	Continuous Dissolved Oxygen 2	2311_04 Barstow Dam to US 80 (Bus 20)	692	692	5	5.00	AD	FS	FS			No
2008	Continuous Dissolved Oxygen 2	2311_05 US 80 (Bus 20) to FM 1776	900	900	65	5.00	AD	FS	FS			No
2008	Continuous Dissolved Oxygen 2	2311_07 US 67 to US 290	394	394	0	5.00	AD	FS	FS			No
<b>Continuous Dissolved Oxygen Daily 24hr Minimum</b>												
2008	Continuous Dissolved Oxygen 2	2311_04 Barstow Dam to US 80 (Bus 20)	692	692	18	3.00	AD	FS	FS			No
2008	Continuous Dissolved Oxygen 2	2311_05 US 80 (Bus 20) to FM 1776	900	900	176	3.00	AD	NS	NS	5c		No
2008	Continuous Dissolved Oxygen 2	2311_07 US 67 to US 290	394	394	2	3.00	AD	FS	FS			No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	2311_05 US 80 (Bus 20) to FM 1776	8	8	0	5.00	LD	NC	NC			No
2008	Dissolved Oxygen 24hr Avg	2311_06 FM 1776 to US 67	8	8	0	5.00	LD	NC	NC			No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	2311_05 US 80 (Bus 20) to FM 1776	8	8	5	3.00	LD	NS	NS	5c		No
2008	Dissolved Oxygen 24hr Min	2311_06 FM 1776 to US 67	8	8	3	3.00	LD	NS	NS	5c		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2311_01 Red Bluff Dam to FM 652	28	28	0	3.00	AD	FS	FS			No
2008	Dissolved Oxygen Grab	2311_02 FM 652 to SH 302	14	14	0	3.00	AD	FS	FS			No
2008	Dissolved Oxygen Grab	2311_04 Barstow Dam to US 80 (Bus 20)	13	13	0	3.00	AD	FS	FS			No
2008	Dissolved Oxygen Grab	2311_05 US 80 (Bus 20) to FM 1776	28	28	1	3.00	AD	FS	FS			No
2008	Dissolved Oxygen Grab	2311_06 FM 1776 to US 67	28	28	1	3.00	AD	FS	FS			No
2008	Dissolved Oxygen Grab	2311_07 US 67 to US 290	28	28	0	3.00	AD	FS	FS			No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2311_01 Red Bluff Dam to FM 652	28	28	3	5.00	AD	NC	NC			No
2008	Dissolved Oxygen Grab	2311_02 FM 652 to SH 302	14	14	0	5.00	AD	NC	NC			No
2008	Dissolved Oxygen Grab	2311_04 Barstow Dam to US 80 (Bus 20)	13	13	0	5.00	AD	NC	NC			No
2008	Dissolved Oxygen Grab	2311_05 US 80 (Bus 20) to FM 1776	28	28	1	5.00	AD	NC	NC			No
2008	Dissolved Oxygen Grab	2311_06 FM 1776 to US 67	28	28	5	5.00	AD	CS	CS			No
2008	Dissolved Oxygen Grab	2311_07 US 67 to US 290	28	28	1	5.00	AD	NC	NC			No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2311 Upper Pecos River

Water body type: Freshwater Stream

Water body size: 309 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2311_01	Red Bluff Dam to FM 652	138	138	3,761.20	7,000.00	AD	FS	FS		No
2008	Chloride	2311_02	FM 652 to SH 302	138	138	3,761.20	7,000.00	AD	FS	FS		No
2008	Chloride	2311_03	SH 302 to Barstow Dam	138	138	3,761.20	7,000.00	AD	FS	FS		No
2008	Chloride	2311_04	Barstow Dam to US 80 (Bus 20)	138	138	3,761.20	7,000.00	AD	FS	FS		No
2008	Chloride	2311_05	US 80 (Bus 20) to FM 1776	138	138	3,761.20	7,000.00	AD	FS	FS		No
2008	Chloride	2311_06	FM 1776 to US 67	138	138	3,761.20	7,000.00	AD	FS	FS		No
2008	Chloride	2311_07	US 67 to US 290	138	138	3,761.20	7,000.00	AD	FS	FS		No
2008	Chloride	2311_08	US 290 to lower segment boundary	138	138	3,761.20	7,000.00	AD	FS	FS		No
2008	Sulfate	2311_01	Red Bluff Dam to FM 652	138	138	2,490.80	3,500.00	AD	FS	FS		No
2008	Sulfate	2311_02	FM 652 to SH 302	138	138	2,490.80	3,500.00	AD	FS	FS		No
2008	Sulfate	2311_03	SH 302 to Barstow Dam	138	138	2,490.80	3,500.00	AD	FS	FS		No
2008	Sulfate	2311_04	Barstow Dam to US 80 (Bus 20)	138	138	2,490.80	3,500.00	AD	FS	FS		No
2008	Sulfate	2311_05	US 80 (Bus 20) to FM 1776	138	138	2,490.80	3,500.00	AD	FS	FS		No
2008	Sulfate	2311_06	FM 1776 to US 67	138	138	2,490.80	3,500.00	AD	FS	FS		No
2008	Sulfate	2311_07	US 67 to US 290	138	138	2,490.80	3,500.00	AD	FS	FS		No
2008	Sulfate	2311_08	US 290 to lower segment boundary	138	138	2,490.80	3,500.00	AD	FS	FS		No
2008	Total Dissolved Solids	2311_01	Red Bluff Dam to FM 652	148	148	9,814.90	15,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2311_02	FM 652 to SH 302	148	148	9,814.90	15,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2311_03	SH 302 to Barstow Dam	148	148	9,814.90	15,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2311_04	Barstow Dam to US 80 (Bus 20)	148	148	9,814.90	15,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2311_05	US 80 (Bus 20) to FM 1776	148	148	9,814.90	15,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2311_06	FM 1776 to US 67	148	148	9,814.90	15,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2311_07	US 67 to US 290	148	148	9,814.90	15,000.00	AD	FS	FS		No
2008	Total Dissolved Solids	2311_08	US 290 to lower segment boundary	148	148	9,814.90	15,000.00	AD	FS	FS		No

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### Segment ID: 2311 Upper Pecos River

Water body type: Freshwater Stream

Water body size: 309 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Fish Kill Reports</b>												
2008	Golden Alga	2311_01	Red Bluff Dam to FM 652					OE	CN	CN		No
2008	Golden Alga	2311_02	FM 652 to SH 302					OE	CN	CN		No
2008	Golden Alga	2311_03	SH 302 to Barstow Dam					OE	CN	CN		No
2008	Golden Alga	2311_04	Barstow Dam to US 80 (Bus 20)					OE	CN	CN		No
2008	Golden Alga	2311_05	US 80 (Bus 20) to FM 1776					OE	CN	CN		No
2008	Golden Alga	2311_06	FM 1776 to US 67					OE	CN	CN		No
2008	Golden Alga	2311_07	US 67 to US 290					OE	CN	CN		No
2008	Golden Alga	2311_08	US 290 to lower segment boundary					OE	CN	CN		No
<b>High pH</b>												
2008	pH	2311_01	Red Bluff Dam to FM 652	27	27	0	9.00	AD	FS	FS		No
2008	pH	2311_02	FM 652 to SH 302	14	14	2	9.00	AD	FS	FS		No
2008	pH	2311_04	Barstow Dam to US 80 (Bus 20)	14	14	0	9.00	AD	FS	FS		No
2008	pH	2311_05	US 80 (Bus 20) to FM 1776	27	27	0	9.00	AD	FS	FS		No
2008	pH	2311_06	FM 1776 to US 67	27	27	0	9.00	AD	FS	FS		No
2008	pH	2311_07	US 67 to US 290	29	29	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	2311_01	Red Bluff Dam to FM 652	27	27	0	6.50	AD	FS	FS		No
2008	pH	2311_02	FM 652 to SH 302	14	14	0	6.50	AD	FS	FS		No
2008	pH	2311_04	Barstow Dam to US 80 (Bus 20)	14	14	1	6.50	AD	FS	FS		No
2008	pH	2311_05	US 80 (Bus 20) to FM 1776	27	27	0	6.50	AD	FS	FS		No
2008	pH	2311_06	FM 1776 to US 67	27	27	0	6.50	AD	FS	FS		No
2008	pH	2311_07	US 67 to US 290	29	29	0	6.50	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2311 Upper Pecos River

Water body type: Freshwater Stream

Water body size: 309 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2311_01	Red Bluff Dam to FM 652	27	27	2	0.33	AD	NC	NC		No
2008	Ammonia	2311_02	FM 652 to SH 302	12	12	2	0.33	AD	NC	NC		No
2008	Ammonia	2311_04	Barstow Dam to US 80 (Bus 20)	12	12	1	0.33	AD	NC	NC		No
2008	Ammonia	2311_05	US 80 (Bus 20) to FM 1776	28	28	0	0.33	AD	NC	NC		No
2008	Ammonia	2311_06	FM 1776 to US 67	27	27	0	0.33	AD	NC	NC		No
2008	Ammonia	2311_07	US 67 to US 290	28	28	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2311_01	Red Bluff Dam to FM 652	28	28	9	14.10	AD	CS	CS		No
2008	Chlorophyll-a	2311_02	FM 652 to SH 302	11	11	3	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2311_04	Barstow Dam to US 80 (Bus 20)	12	12	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2311_05	US 80 (Bus 20) to FM 1776	28	28	9	14.10	AD	CS	CS		No
2008	Chlorophyll-a	2311_06	FM 1776 to US 67	28	28	7	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2311_07	US 67 to US 290	28	28	12	14.10	AD	CS	CS		No
2008	Nitrate	2311_01	Red Bluff Dam to FM 652	28	28	0	1.95	AD	NC	NC		No
2008	Nitrate	2311_02	FM 652 to SH 302	12	12	1	1.95	AD	NC	NC		No
2008	Nitrate	2311_04	Barstow Dam to US 80 (Bus 20)	13	13	1	1.95	AD	NC	NC		No
2008	Nitrate	2311_05	US 80 (Bus 20) to FM 1776	28	28	0	1.95	AD	NC	NC		No
2008	Nitrate	2311_06	FM 1776 to US 67	27	27	0	1.95	AD	NC	NC		No
2008	Nitrate	2311_07	US 67 to US 290	28	28	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	2311_01	Red Bluff Dam to FM 652	28	28	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2311_02	FM 652 to SH 302	11	11	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	2311_04	Barstow Dam to US 80 (Bus 20)	12	12	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2311_05	US 80 (Bus 20) to FM 1776	28	28	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	2311_06	FM 1776 to US 67	27	27	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	2311_07	US 67 to US 290	28	28	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	2311_01	Red Bluff Dam to FM 652	28	28	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2311_02	FM 652 to SH 302	12	12	3	0.69	AD	NC	NC		No

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 NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;  
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2311 Upper Pecos River

**Water body type:** Freshwater Stream

**Water body size:** 309 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### General Use

##### **Nutrient Screening Levels**

2008	Total Phosphorus	2311_04	Barstow Dam to US 80 (Bus 20)	13	13	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2311_05	US 80 (Bus 20) to FM 1776	28	28	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2311_06	FM 1776 to US 67	28	28	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2311_07	US 67 to US 290	28	28	0	0.69	AD	NC	NC		No

##### **Water Temperature**

2008	Temperature	2311_01	Red Bluff Dam to FM 652	28	28	0	33.30	AD	FS	FS		No
2008	Temperature	2311_02	FM 652 to SH 302	14	14	0	33.30	AD	FS	FS		No
2008	Temperature	2311_04	Barstow Dam to US 80 (Bus 20)	14	14	0	33.30	AD	FS	FS		No
2008	Temperature	2311_05	US 80 (Bus 20) to FM 1776	28	28	0	33.30	AD	FS	FS		No
2008	Temperature	2311_06	FM 1776 to US 67	34	34	0	33.30	AD	FS	FS		No
2008	Temperature	2311_07	US 67 to US 290	29	29	0	33.30	AD	FS	FS		No

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### Segment ID: 2311 Upper Pecos River

**Water body type:** Freshwater Stream

**Water body size:** 309 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2311_01	Red Bluff Dam to FM 652	8	8	0	11.85	126.00	LD	NC	NC	No
2008	E. coli	2311_02	FM 652 to SH 302	11	11	0	22.60	126.00	AD	FS	FS	No
2008	E. coli	2311_04	Barstow Dam to US 80 (Bus 20)	8	8	1	166.79	126.00	LD	CN	CN	No
2008	E. coli	2311_05	US 80 (Bus 20) to FM 1776	7	7	0	15.55	126.00	LD	NC	NC	No
2008	E. coli	2311_06	FM 1776 to US 67	7	7	0	10.15	126.00	LD	NC	NC	No
2008	E. coli	2311_07	US 67 to US 290	9	9	0	33.14	126.00	LD	NC	NC	No
2008	Fecal coliform	2311_01	Red Bluff Dam to FM 652	28	28	0	13.57	200.00	AD	FS	FS	No
2008	Fecal coliform	2311_04	Barstow Dam to US 80 (Bus 20)	1	1	0	23.00	200.00	ID	NA	NA	No
2008	Fecal coliform	2311_05	US 80 (Bus 20) to FM 1776	28	28	0	11.52	200.00	AD	FS	FS	No
2008	Fecal coliform	2311_06	FM 1776 to US 67	28	28	0	11.01	200.00	AD	FS	FS	No
2008	Fecal coliform	2311_07	US 67 to US 290	28	28	0	38.96	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	2311_01	Red Bluff Dam to FM 652	8	8	0		394.00	LD	NC	NC	No
2008	E. coli	2311_02	FM 652 to SH 302	11	11	2		394.00	AD	FS	FS	No
2008	E. coli	2311_04	Barstow Dam to US 80 (Bus 20)	8	8	3		394.00	LD	CN	CN	No
2008	E. coli	2311_05	US 80 (Bus 20) to FM 1776	7	7	0		394.00	LD	NC	NC	No
2008	E. coli	2311_06	FM 1776 to US 67	7	7	0		394.00	LD	NC	NC	No
2008	E. coli	2311_07	US 67 to US 290	9	9	0		394.00	LD	NC	NC	No
2008	Fecal coliform	2311_01	Red Bluff Dam to FM 652	28	28	0		400.00	AD	FS	FS	No
2008	Fecal coliform	2311_04	Barstow Dam to US 80 (Bus 20)	1	1	0		400.00	ID	NA	NA	No
2008	Fecal coliform	2311_05	US 80 (Bus 20) to FM 1776	28	28	0		400.00	AD	FS	FS	No
2008	Fecal coliform	2311_06	FM 1776 to US 67	28	28	0		400.00	AD	FS	FS	No
2008	Fecal coliform	2311_07	US 67 to US 290	28	28	1		400.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2312 Red Bluff Reservoir

Water body type: Reservoir

Water body size: 11,700 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	2312_01	Texas/New Mexico State Line to Mid-lake	4	4	0		LD	NC	NC		No
2006	Multiple	2312_02	Mid-lake to dam	4	4	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	2312_01	Texas/New Mexico State Line to Mid-lake	4	4	0		LD	NC	NC		No
2006	Multiple	2312_02	Mid-lake to dam	4	4	0		LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2312_01	Texas/New Mexico State Line to Mid-lake	25	13	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2312_02	Mid-lake to dam	64	16	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2312_01	Texas/New Mexico State Line to Mid-lake	25	13	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2312_02	Mid-lake to dam	64	16	3	5.00	AD	CS	CS		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	2312_01	Texas/New Mexico State Line to Mid-lake	16	16			AD	NC	NC		No
2006	Multiple	2312_02	Mid-lake to dam	16	16			AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	2312_01	Texas/New Mexico State Line to Mid-lake	10	10			AD	NC	NC		No
2006	Multiple	2312_02	Mid-lake to dam	10	10			AD	NC	NC		No
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Risk Assess.- No Advisory	2312_01	Texas/New Mexico State Line to Mid-lake					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2312_02	Mid-lake to dam					OE	FS	FS		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	2312_01	Texas/New Mexico State Line to Mid-lake	4	4			LD	NC	NC		No
2006	Multiple	2312_02	Mid-lake to dam	4	4			LD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2312 Red Bluff Reservoir

Water body type: Reservoir

Water body size: 11,700 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2312_01	Texas/New Mexico State Line to Mid-lake	26	26	2,163.20	3,200.00	AD	FS	FS		No
2008	Chloride	2312_02	Mid-lake to dam	26	26	2,163.20	3,200.00	AD	FS	FS		No
2008	Sulfate	2312_01	Texas/New Mexico State Line to Mid-lake	26	26	1,871.80	2,200.00	AD	FS	FS		No
2008	Sulfate	2312_02	Mid-lake to dam	26	26	1,871.80	2,200.00	AD	FS	FS		No
2008	Total Dissolved Solids	2312_01	Texas/New Mexico State Line to Mid-lake	89	89	6,018.30	9,400.00	AD	FS	FS		No
2008	Total Dissolved Solids	2312_02	Mid-lake to dam	89	89	6,018.30	9,400.00	AD	FS	FS		No
<b>Fish Kill Reports</b>												
2008	Golden Alga	2312_01	Texas/New Mexico State Line to Mid-lake					OE	CN	CN		No
2008	Golden Alga	2312_02	Mid-lake to dam					OE	CN	CN		No
<b>High pH</b>												
2008	pH	2312_01	Texas/New Mexico State Line to Mid-lake	24	12	0	9.00	AD	FS	FS		No
2008	pH	2312_02	Mid-lake to dam	62	15	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	2312_01	Texas/New Mexico State Line to Mid-lake	24	12	0	6.50	AD	FS	FS		No
2008	pH	2312_02	Mid-lake to dam	62	15	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2312_01	Texas/New Mexico State Line to Mid-lake	11	11	1	0.11	AD	NC	NC		No
2008	Ammonia	2312_02	Mid-lake to dam	15	15	5	0.11	AD	CS	CS		No
2008	Chlorophyll-a	2312_01	Texas/New Mexico State Line to Mid-lake	11	11	5	26.70	AD	CS	CS		No
2008	Chlorophyll-a	2312_02	Mid-lake to dam	15	15	5	26.70	AD	CS	CS		No
2008	Nitrate	2312_01	Texas/New Mexico State Line to Mid-lake	11	11	5	0.37	AD	CS	CS		No
2008	Nitrate	2312_02	Mid-lake to dam	15	15	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	2312_01	Texas/New Mexico State Line to Mid-lake	11	11	3	0.05	AD	NC	NC		No
2008	Orthophosphorus	2312_02	Mid-lake to dam	14	14	7	0.05	AD	CS	CS		No
2008	Total Phosphorus	2312_01	Texas/New Mexico State Line to Mid-lake	11	11	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	2312_02	Mid-lake to dam	15	15	0	0.20	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2312 Red Bluff Reservoir

Water body type: Reservoir

Water body size: 11,700 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Water Temperature</b>												
2008	Temperature	2312_01	Texas/New Mexico State Line to Mid-lake	25	13	0	32.20	AD	FS	FS		No
2008	Temperature	2312_02	Mid-lake to dam	64	16	0	32.20	AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2312_01	Texas/New Mexico State Line to Mid-lake	8	8	0	1.91	LD	NC	NC		No
2008	E. coli	2312_02	Mid-lake to dam	9	9	0	1.54	LD	NC	NC		No
2008	Fecal coliform	2312_01	Texas/New Mexico State Line to Mid-lake	13	13	0	1.89	AD	FS	FS		No
2008	Fecal coliform	2312_02	Mid-lake to dam	16	16	0	0.62	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2008	E. coli	2312_01	Texas/New Mexico State Line to Mid-lake	8	8	0	394.00	LD	NC	NC		No
2008	E. coli	2312_02	Mid-lake to dam	9	9	0	394.00	LD	NC	NC		No
2008	Fecal coliform	2312_01	Texas/New Mexico State Line to Mid-lake	13	13	0	400.00	AD	FS	FS		No
2008	Fecal coliform	2312_02	Mid-lake to dam	16	16	0	400.00	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2313 San Felipe Creek

Water body type: Freshwater Stream

Water body size: 9 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2313_01	Entire segment	41	41	0		3.00	AD	FS	FS	No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2313_01	Entire segment	41	41	0		5.00	AD	NC	NC	No
<b>Toxic Substances in sediment</b>												
2006	Multiple	2313_01	Entire segment	6	6			LD	NC	NC		No
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2313_01	Entire segment	42	42		16.40	50.00	AD	FS	FS	No
2008	Sulfate	2313_01	Entire segment	42	42		17.60	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	2313_01	Entire segment	42	42		273.60	400.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	2313_01	Entire segment	41	41	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	2313_01	Entire segment	41	41	0		6.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2313_01	Entire segment	42	42	0		0.33	AD	NC	NC	No
2008	Chlorophyll-a	2313_01	Entire segment	41	41	0		14.10	AD	NC	NC	No
2008	Nitrate	2313_01	Entire segment	42	42	0		1.95	AD	NC	NC	No
2008	Orthophosphorus	2313_01	Entire segment	41	41	0		0.37	AD	NC	NC	No
2008	Total Phosphorus	2313_01	Entire segment	42	42	0		0.69	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	2313_01	Entire segment	41	41	0		32.20	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID: 2313 San Felipe Creek**

**Water body type:** Freshwater Stream

**Water body size:** 9 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Chloride	2313_01	Entire segment					OE	NC	NC		No
2008	Sulfate	2313_01	Entire segment					OE	NC	NC		No
2008	Total Dissolved Solids	2313_01	Entire segment					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	2313_01	Entire segment					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	2313_01	Entire segment					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	2313_01	Entire segment					AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2313_01	Entire segment	23	23	0	54.58	126.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	2313_01	Entire segment	23	23	0		394.00	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2314 Rio Grande Above International Dam

Water body type: Freshwater Stream

Water body size: 21 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	2314_01	New Mexico State Line to upstream of Anthony Drain	25	25	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2314_02	Upstream of Anthony Drain to International Dam	171	171	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	2314_01	New Mexico State Line to upstream of Anthony Drain	25	25	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2314_02	Upstream of Anthony Drain to International Dam	171	171	1	5.00	AD	NC	NC		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2314 Rio Grande Above International Dam

Water body type: Freshwater Stream

Water body size: 21 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	2314_01	New Mexico State Line to upstream of Anthony Drain	183	183		154.80	340.00	AD	FS	FS	No
2008	Chloride	2314_02	Upstream of Anthony Drain to International Dam	183	183		154.80	340.00	AD	FS	FS	No
2008	Sulfate	2314_01	New Mexico State Line to upstream of Anthony Drain	184	184		369.40	600.00	AD	FS	FS	No
2008	Sulfate	2314_02	Upstream of Anthony Drain to International Dam	184	184		369.40	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	2314_01	New Mexico State Line to upstream of Anthony Drain	204	204		865.50	1,800.00	AD	FS	FS	No
2008	Total Dissolved Solids	2314_02	Upstream of Anthony Drain to International Dam	204	204		865.50	1,800.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	2314_01	New Mexico State Line to upstream of Anthony Drain	25	25	0		9.00	AD	FS	FS	No
2008	pH	2314_02	Upstream of Anthony Drain to International Dam	170	170	11		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	2314_01	New Mexico State Line to upstream of Anthony Drain	25	25	0		6.50	AD	FS	FS	No
2008	pH	2314_02	Upstream of Anthony Drain to International Dam	170	170	0		6.50	AD	FS	FS	No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2314 Rio Grande Above International Dam

Water body type: Freshwater Stream

Water body size: 21 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	2314_01	New Mexico State Line to upstream of Anthony Drain	26	26	0	0.33	AD	NC	NC		No
2008	Ammonia	2314_02	Upstream of Anthony Drain to International Dam	158	158	32	0.33	AD	NC	NC		No
2008	Chlorophyll-a	2314_01	New Mexico State Line to upstream of Anthony Drain	26	26	6	14.10	AD	NC	NC		No
2008	Chlorophyll-a	2314_02	Upstream of Anthony Drain to International Dam	77	77	36	14.10	AD	CS	CS		No
2008	Nitrate	2314_01	New Mexico State Line to upstream of Anthony Drain	25	25	1	1.95	AD	NC	NC		No
2008	Nitrate	2314_02	Upstream of Anthony Drain to International Dam	74	74	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	2314_01	New Mexico State Line to upstream of Anthony Drain	25	25	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2314_02	Upstream of Anthony Drain to International Dam	71	71	6	0.37	AD	NC	NC		No
2008	Total Phosphorus	2314_01	New Mexico State Line to upstream of Anthony Drain	26	26	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	2314_02	Upstream of Anthony Drain to International Dam	70	70	17	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	2314_01	New Mexico State Line to upstream of Anthony Drain	25	25	0	33.30	AD	FS	FS		No
2008	Temperature	2314_02	Upstream of Anthony Drain to International Dam	172	172	0	33.30	AD	FS	FS		No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 2314 Rio Grande Above International Dam

Water body type: Freshwater Stream

Water body size: 21 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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#### Public Water Supply Use

##### Finished Drinking Water Dissolved Solids average

2008	Chloride	2314_01	New Mexico State Line to upstream of Anthony Drain				OE	NC	NC			No
2008	Chloride	2314_02	Upstream of Anthony Drain to International Dam				OE	NC	NC			No
2008	Sulfate	2314_01	New Mexico State Line to upstream of Anthony Drain				OE	NC	NC			No
2008	Sulfate	2314_02	Upstream of Anthony Drain to International Dam				OE	NC	NC			No
2008	Total Dissolved Solids	2314_01	New Mexico State Line to upstream of Anthony Drain				OE	NC	NC			No
2008	Total Dissolved Solids	2314_02	Upstream of Anthony Drain to International Dam				OE	NC	NC			No

##### Finished Drinking Water MCLs and Toxic Substances running average

2008	Multiple	2314_01	New Mexico State Line to upstream of Anthony Drain				OE	FS	FS			No
2008	Multiple	2314_02	Upstream of Anthony Drain to International Dam				OE	FS	FS			No

##### Finished Drinking Water MCLs Concern

2008	Multiple	2314_01	New Mexico State Line to upstream of Anthony Drain				OE	NC	NC			No
2008	Multiple	2314_02	Upstream of Anthony Drain to International Dam				OE	NC	NC			No

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

### Segment ID: 2314 Rio Grande Above International Dam

Water body type: Freshwater Stream

Water body size: 21 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	2314_01	New Mexico State Line to upstream of Anthony Drain	20	20	0	105.49	126.00	AD	FS	FS	No
2008	E. coli	2314_02	Upstream of Anthony Drain to International Dam	77	77	1	403.07	126.00	AD	NS	NS	5c No
<b>Bacteria Single Sample</b>												
2008	E. coli	2314_01	New Mexico State Line to upstream of Anthony Drain	20	20	3		394.00	AD	FS	FS	No
2008	E. coli	2314_02	Upstream of Anthony Drain to International Dam	77	77	40		394.00	AD	NS	NS	5c No