

## 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;  
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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:** 1901      **Lower San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 153 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>Acute Toxic Substances in water</b>												
2006	Multiple	1901_02	25 miles upstream of Manahuilla Creek	10	10	0		AD	FS	FS		No
2006	Multiple	1901_04	9 miles downstream of Escondido Creek	2	2	0		ID	NA	NA		No
2006	Multiple	1901_06	Lower 31 miles of segment	1	1			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1901_02	25 miles upstream of Manahuilla Creek	10	10			AD	FS	FS		No
2006	Multiple	1901_04	9 miles downstream of Escondido Creek	2	2			ID	NA	NA		No
2006	Multiple	1901_06	Lower 31 miles of segment	1	1			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1901_01	25 miles downstream of the confluence with Manahuilla Creek	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1901_02	25 miles upstream of Manahuilla Creek	3	3	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	2	2	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1901_04	9 miles downstream of Escondido Creek	2	2	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1901_05	From upstream end of segment to Escondido Creek	5	5	0	5.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Avg	1901_06	Lower 31 miles of segment	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1901_01	25 miles downstream of the confluence with Manahuilla Creek	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1901_02	25 miles upstream of Manahuilla Creek	3	3	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	2	2	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1901_04	9 miles downstream of Escondido Creek	2	2	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1901_05	From upstream end of segment to Escondido Creek	5	5	0	3.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Min	1901_06	Lower 31 miles of segment	0	0		3.00	ID	NA	NA		No

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<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1901_01	25 miles downstream of the confluence with Manahuilla Creek	140	140	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1901_02	25 miles upstream of Manahuilla Creek	252	252	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	106	106	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1901_04	9 miles downstream of Escondido Creek	120	120	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1901_05	From upstream end of segment to Escondido Creek	409	409	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1901_06	Lower 31 miles of segment	106	106	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1901_01	25 miles downstream of the confluence with Manahuilla Creek	140	140	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1901_02	25 miles upstream of Manahuilla Creek	252	252	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	106	106	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1901_04	9 miles downstream of Escondido Creek	120	120	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1901_05	From upstream end of segment to Escondido Creek	409	409	5	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1901_06	Lower 31 miles of segment	106	106	1	5.00	AD	NC	NC		No
<b>Fish Community</b>												
2008	Fish Community	1901_05	From upstream end of segment to Escondido Creek	1	1	1	28.00	LD	CN	CN		No
<b>Habitat</b>												
2008	Habitat	1901_05	From upstream end of segment to Escondido Creek	0	0		20.00	ID	NA	NA		No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1901_05	From upstream end of segment to Escondido Creek	0	0		29.00	ID	NA	NA		No

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### Fish Consumption Use

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

2006	Multiple	1901_01	25 miles downstream of the confluence with Manahuilla Creek	0	0			ID	NA	NA		No
2006	Multiple	1901_02	25 miles upstream of Manahuilla Creek	0	0			ID	NA	NA		No
2006	Multiple	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	0	0			ID	NA	NA		No
2006	Multiple	1901_04	9 miles downstream of Escondido Creek	0	0			ID	NA	NA		No
2006	Multiple	1901_05	From upstream end of segment to Escondido Creek	0	0			ID	NA	NA		No
2006	Multiple	1901_06	Lower 31 miles of segment	0	0			ID	NA	NA		No

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

2006	Multiple	1901_01	25 miles downstream of the confluence with Manahuilla Creek	10	10			AD	FS	FS		No
2006	Multiple	1901_02	25 miles upstream of Manahuilla Creek	10	10			AD	FS	FS		No
2006	Multiple	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	10	10			AD	FS	FS		No
2006	Multiple	1901_04	9 miles downstream of Escondido Creek	10	10			AD	FS	FS		No
2006	Multiple	1901_05	From upstream end of segment to Escondido Creek	10	10			AD	FS	FS		No
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<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	1901_01	25 miles downstream of the confluence with Manahuilla Creek	423	423	102.26	180.00	AD	FS	FS		No
2008	Chloride	1901_02	25 miles upstream of Manahuilla Creek	423	423	102.26	180.00	AD	FS	FS		No
2008	Chloride	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	423	423	102.26	180.00	AD	FS	FS		No
2008	Chloride	1901_04	9 miles downstream of Escondido Creek	423	423	102.26	180.00	AD	FS	FS		No
2008	Chloride	1901_05	From upstream end of segment to Escondido Creek	423	423	102.26	180.00	AD	FS	FS		No
2008	Chloride	1901_06	Lower 31 miles of segment	423	423	102.26	180.00	AD	FS	FS		No
2008	Sulfate	1901_01	25 miles downstream of the confluence with Manahuilla Creek	420	420	95.30	140.00	AD	FS	FS		No
2008	Sulfate	1901_02	25 miles upstream of Manahuilla Creek	420	420	95.30	140.00	AD	FS	FS		No
2008	Sulfate	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	420	420	95.30	140.00	AD	FS	FS		No
2008	Sulfate	1901_04	9 miles downstream of Escondido Creek	420	420	95.30	140.00	AD	FS	FS		No
2008	Sulfate	1901_05	From upstream end of segment to Escondido Creek	420	420	95.30	140.00	AD	FS	FS		No
2008	Sulfate	1901_06	Lower 31 miles of segment	420	420	95.30	140.00	AD	FS	FS		No
2008	Total Dissolved Solids	1901_01	25 miles downstream of the confluence with Manahuilla Creek	1,237	1,237	614.68	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1901_02	25 miles upstream of Manahuilla Creek	1,237	1,237	614.68	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	1,237	1,237	614.68	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1901_04	9 miles downstream of Escondido Creek	1,237	1,237	614.68	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1901_05	From upstream end of segment to Escondido Creek	1,237	1,237	614.68	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1901_06	Lower 31 miles of segment	1,237	1,237	614.68	750.00	AD	FS	FS		No

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### General Use

#### High pH

2008	pH	1901_01	25 miles downstream of the confluence with Manahuilla Creek	141	141	0	9.00	AD	FS	FS		No
2008	pH	1901_02	25 miles upstream of Manahuilla Creek	252	252	1	9.00	AD	FS	FS		No
2008	pH	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	106	106	0	9.00	AD	FS	FS		No
2008	pH	1901_04	9 miles downstream of Escondido Creek	120	120	0	9.00	AD	FS	FS		No
2008	pH	1901_05	From upstream end of segment to Escondido Creek	413	413	0	9.00	AD	FS	FS		No
2008	pH	1901_06	Lower 31 miles of segment	107	107	0	9.00	AD	FS	FS		No

#### Low pH

2008	pH	1901_01	25 miles downstream of the confluence with Manahuilla Creek	141	141	0	6.50	AD	FS	FS		No
2008	pH	1901_02	25 miles upstream of Manahuilla Creek	252	252	0	6.50	AD	FS	FS		No
2008	pH	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	106	106	0	6.50	AD	FS	FS		No
2008	pH	1901_04	9 miles downstream of Escondido Creek	120	120	0	6.50	AD	FS	FS		No
2008	pH	1901_05	From upstream end of segment to Escondido Creek	413	413	0	6.50	AD	FS	FS		No
2008	pH	1901_06	Lower 31 miles of segment	107	107	0	6.50	AD	FS	FS		No

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<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1901_01	25 miles downstream of the confluence with Manahuilla Creek	42	42	0	0.33	AD	NC	NC		No
2008	Ammonia	1901_02	25 miles upstream of Manahuilla Creek	57	57	1	0.33	AD	NC	NC		No
2008	Ammonia	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	49	49	1	0.33	AD	NC	NC		No
2008	Ammonia	1901_04	9 miles downstream of Escondido Creek	51	51	2	0.33	AD	NC	NC		No
2008	Ammonia	1901_05	From upstream end of segment to Escondido Creek	96	96	1	0.33	AD	NC	NC		No
2008	Ammonia	1901_06	Lower 31 miles of segment	47	47	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1901_01	25 miles downstream of the confluence with Manahuilla Creek	84	84	12	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1901_02	25 miles upstream of Manahuilla Creek	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1901_04	9 miles downstream of Escondido Creek	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1901_05	From upstream end of segment to Escondido Creek	0	0	0	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1901_06	Lower 31 miles of segment	12	12	2	14.10	AD	NC	NC		No
2008	Nitrate	1901_01	25 miles downstream of the confluence with Manahuilla Creek	84	84	65	1.95	AD	CS	CS		No
2008	Nitrate	1901_02	25 miles upstream of Manahuilla Creek	55	55	51	1.95	AD	CS	CS		No
2008	Nitrate	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	47	47	42	1.95	AD	CS	CS		No
2008	Nitrate	1901_04	9 miles downstream of Escondido Creek	51	51	47	1.95	AD	CS	CS		No
2008	Nitrate	1901_05	From upstream end of segment to Escondido Creek	94	94	92	1.95	AD	CS	CS		No
2008	Nitrate	1901_06	Lower 31 miles of segment	45	45	40	1.95	AD	CS	CS		No

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<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Orthophosphorus	1901_01	25 miles downstream of the confluence with Manahuilla Creek	0	0		0.37	ID	NA	NA		No
2008	Orthophosphorus	1901_02	25 miles upstream of Manahuilla Creek	20	20	15	0.37	AD	CS	CS		No
2008	Orthophosphorus	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	12	12	9	0.37	AD	CS	CS		No
2008	Orthophosphorus	1901_04	9 miles downstream of Escondido Creek	15	15	12	0.37	AD	CS	CS		No
2008	Orthophosphorus	1901_05	From upstream end of segment to Escondido Creek	13	13	10	0.37	AD	CS	CS		No
2008	Orthophosphorus	1901_06	Lower 31 miles of segment	12	12	5	0.37	AD	CS	CS		No
2008	Total Phosphorus	1901_01	25 miles downstream of the confluence with Manahuilla Creek	84	84	32	0.69	AD	CS	CS		No
2008	Total Phosphorus	1901_02	25 miles upstream of Manahuilla Creek	56	56	30	0.69	AD	CS	CS		No
2008	Total Phosphorus	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	49	49	23	0.69	AD	CS	CS		No
2008	Total Phosphorus	1901_04	9 miles downstream of Escondido Creek	50	50	25	0.69	AD	CS	CS		No
2008	Total Phosphorus	1901_05	From upstream end of segment to Escondido Creek	96	96	46	0.69	AD	CS	CS		No
2008	Total Phosphorus	1901_06	Lower 31 miles of segment	47	47	15	0.69	AD	CS	CS		No
<b>Water Temperature</b>												
2008	Temperature	1901_01	25 miles downstream of the confluence with Manahuilla Creek	141	141	0	32.20	AD	FS	FS		No
2008	Temperature	1901_02	25 miles upstream of Manahuilla Creek	254	254	0	32.20	AD	FS	FS		No
2008	Temperature	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	107	107	0	32.20	AD	FS	FS		No
2008	Temperature	1901_04	9 miles downstream of Escondido Creek	121	121	0	32.20	AD	FS	FS		No
2008	Temperature	1901_05	From upstream end of segment to Escondido Creek	414	414	2	32.20	AD	FS	FS		No
2008	Temperature	1901_06	Lower 31 miles of segment	107	107	0	32.20	AD	FS	FS		No

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<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1901_01	25 miles downstream of the confluence with Manahuilla Creek	140	140	1	141.72	126.00	AD	NS	NS	5a No
2008	E. coli	1901_02	25 miles upstream of Manahuilla Creek	189	189	1	206.17	126.00	AD	NS	NS	5a No
2008	E. coli	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	105	105	1	132.49	126.00	AD	NS	NS	5a No
2008	E. coli	1901_04	9 miles downstream of Escondido Creek	116	116	1	179.03	126.00	AD	NS	NS	5a No
2008	E. coli	1901_05	From upstream end of segment to Escondido Creek	407	407	1	129.57	126.00	AD	NS	NS	5a No
2008	E. coli	1901_06	Lower 31 miles of segment	103	103	0	112.08	126.00	AD	FS	FS	No
2008	Enterococcus	1901_02	25 miles upstream of Manahuilla Creek	12	12	1	612.62	35.00	SM	NA	NA	No
2008	Enterococcus	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	4	4	1	243.10	35.00	SM	NA	NA	No
2008	Enterococcus	1901_04	9 miles downstream of Escondido Creek	7	7	1	549.37	35.00	SM	NA	NA	No
2008	Enterococcus	1901_05	From upstream end of segment to Escondido Creek	4	4	1	435.20	35.00	SM	NA	NA	No
2008	Fecal coliform	1901_01	25 miles downstream of the confluence with Manahuilla Creek	83	83	1	247.53	200.00	SM	NA	NA	No
2008	Fecal coliform	1901_02	25 miles upstream of Manahuilla Creek	148	148	1	344.30	200.00	SM	NA	NA	No
2008	Fecal coliform	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	84	84	1	217.26	200.00	SM	NA	NA	No
2008	Fecal coliform	1901_04	9 miles downstream of Escondido Creek	89	89	1	305.87	200.00	SM	NA	NA	No
2008	Fecal coliform	1901_05	From upstream end of segment to Escondido Creek	348	348	1	211.68	200.00	SM	NA	NA	No
2008	Fecal coliform	1901_06	Lower 31 miles of segment	72	72	1	207.16	200.00	SM	NA	NA	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: 1901 Lower San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 153 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 Single Sample</b>												
2008	E. coli	1901_01	25 miles downstream of the confluence with Manahuilla Creek	140	140	30	394.00	AD	FS	FS		No
2008	E. coli	1901_02	25 miles upstream of Manahuilla Creek	189	189	52	394.00	AD	CN	CN		No
2008	E. coli	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	105	105	24	394.00	AD	NS	NS	5a	No
2008	E. coli	1901_04	9 miles downstream of Escondido Creek	116	116	31	394.00	AD	CN	CN		No
2008	E. coli	1901_05	From upstream end of segment to Escondido Creek	407	407	60	394.00	AD	FS	FS		No
2008	E. coli	1901_06	Lower 31 miles of segment	103	103	22	394.00	AD	FS	FS		No
2008	Enterococcus	1901_02	25 miles upstream of Manahuilla Creek	12	12	11	89.00	SM	NA	NA		No
2008	Enterococcus	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	4	4	4	89.00	SM	NA	NA		No
2008	Enterococcus	1901_04	9 miles downstream of Escondido Creek	7	7	6	89.00	SM	NA	NA		No
2008	Enterococcus	1901_05	From upstream end of segment to Escondido Creek	4	4	4	89.00	SM	NA	NA		No
2008	Fecal coliform	1901_01	25 miles downstream of the confluence with Manahuilla Creek	83	83	28	400.00	SM	NA	NA		No
2008	Fecal coliform	1901_02	25 miles upstream of Manahuilla Creek	148	148	59	400.00	SM	NA	NA		No
2008	Fecal coliform	1901_03	From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr	84	84	27	400.00	SM	NA	NA		No
2008	Fecal coliform	1901_04	9 miles downstream of Escondido Creek	89	89	30	400.00	SM	NA	NA		No
2008	Fecal coliform	1901_05	From upstream end of segment to Escondido Creek	348	348	83	400.00	SM	NA	NA		No
2008	Fecal coliform	1901_06	Lower 31 miles of segment	72	72	24	400.00	SM	NA	NA		No

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

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**Segment ID: 1902 Lower Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 71 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>Acute Toxic Substances in water</b>												
2006	Multiple	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	3	3	0		ID	NA	NA		No
2006	Multiple	1902_03	From FM 541 to confluence with Clifton Branch	1	1			ID	NA	NA		No
2006	Multiple	1902_05	Upper end of segment	2	2			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	3	3			ID	NA	NA		No
2006	Multiple	1902_03	From FM 541 to confluence with Clifton Branch	1	1			ID	NA	NA		No
2006	Multiple	1902_05	Upper end of segment	2	2			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1902_01	Lower 5 miles of segment	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	5	5	0	5.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Avg	1902_03	From FM 541 to confluence with Clifton Branch	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1902_05	Upper end of segment	6	6	0	5.00	LD	NC	NC		No

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

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**Segment ID:** 1902      **Lower Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 71 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 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1902_01	Lower 5 miles of segment	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	5	5	0	3.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Min	1902_03	From FM 541 to confluence with Clifton Branch	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1902_05	Upper end of segment	6	6	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1902_01	Lower 5 miles of segment	34	34	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	45	45	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1902_03	From FM 541 to confluence with Clifton Branch	7	7	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	23	23	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1902_05	Upper end of segment	44	44	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1902_01	Lower 5 miles of segment	34	34	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	45	45	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1902_03	From FM 541 to confluence with Clifton Branch	7	7	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	23	23	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1902_05	Upper end of segment	44	44	0	5.00	AD	NC	NC		No

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**Segment ID:** 1902      **Lower Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 71 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>Fish Community</b>													
2008	Fish Community	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	4	4	4	35.50	42.00	AD	NS	NS	5c	No
2008	Fish Community	1902_03	From FM 541 to confluence with Clifton Branch	1	1	1	37.00	42.00	LD	CN	CN		No
2008	Fish Community	1902_05	Upper end of segment	5	5		46.40	42.00	AD	FS	FS		No
<b>Habitat</b>													
2008	Habitat	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	4	4		22.10	20.00	AD	NC	NC		No
2008	Habitat	1902_03	From FM 541 to confluence with Clifton Branch	1	1		24.00	20.00	LD	NC	NC		No
2008	Habitat	1902_05	Upper end of segment	4	4		25.38	20.00	AD	NC	NC		No
<b>Macrobenthic Community</b>													
2008	Macrobenthic Community	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	0	0			29.00	ID	NA	NA		No
2008	Macrobenthic Community	1902_03	From FM 541 to confluence with Clifton Branch	0	0			29.00	ID	NA	NA		No
2008	Macrobenthic Community	1902_05	Upper end of segment	0	0			29.00	ID	NA	NA		No

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**Water body type:** Freshwater Stream

**Water body size:** 71 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	Multiple	1902_01	Lower 5 miles of segment	0	0			ID	NA	NA		No
2006	Multiple	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	0	0			ID	NA	NA		No
2006	Multiple	1902_03	From FM 541 to confluence with Clifton Branch	0	0			ID	NA	NA		No
2006	Multiple	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	0	0			ID	NA	NA		No
2006	Multiple	1902_05	Upper end of segment	0	0			ID	NA	NA		No

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

2006	Multiple	1902_01	Lower 5 miles of segment	6	6			LD	NC	NC		No
2006	Multiple	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	6	6			AD	FS	FS		No
2006	Multiple	1902_03	From FM 541 to confluence with Clifton Branch	6	6			LD	NC	NC		No
2006	Multiple	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	6	6			LD	NC	NC		No
2006	Multiple	1902_05	Upper end of segment	6	6			LD	NC	NC		No

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**Water body type:** Freshwater Stream

**Water body size:** 71 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	1902_01	Lower 5 miles of segment	145	145	86.55	170.00	AD	FS	FS		No
2008	Chloride	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	145	145	86.55	170.00	AD	FS	FS		No
2008	Chloride	1902_03	From FM 541 to confluence with Clifton Branch	145	145	86.55	170.00	AD	FS	FS		No
2008	Chloride	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	145	145	86.55	170.00	AD	FS	FS		No
2008	Chloride	1902_05	Upper end of segment	145	145	86.55	170.00	AD	FS	FS		No
2008	Sulfate	1902_01	Lower 5 miles of segment	141	141	113.96	275.00	AD	FS	FS		No
2008	Sulfate	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	141	141	113.96	275.00	AD	FS	FS		No
2008	Sulfate	1902_03	From FM 541 to confluence with Clifton Branch	141	141	113.96	275.00	AD	FS	FS		No
2008	Sulfate	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	141	141	113.96	275.00	AD	FS	FS		No
2008	Sulfate	1902_05	Upper end of segment	141	141	113.96	275.00	AD	FS	FS		No
2008	Total Dissolved Solids	1902_01	Lower 5 miles of segment	160	160	610.68	900.00	AD	FS	FS		No
2008	Total Dissolved Solids	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	160	160	610.68	900.00	AD	FS	FS		No
2008	Total Dissolved Solids	1902_03	From FM 541 to confluence with Clifton Branch	160	160	610.68	900.00	AD	FS	FS		No
2008	Total Dissolved Solids	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	160	160	610.68	900.00	AD	FS	FS		No
2008	Total Dissolved Solids	1902_05	Upper end of segment	160	160	610.68	900.00	AD	FS	FS		No

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**Segment ID:** 1902      **Lower Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 71 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	1902_01	Lower 5 miles of segment	33	33	0	9.00	AD	FS	FS		No
2008	pH	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	46	46	0	9.00	AD	FS	FS		No
2008	pH	1902_03	From FM 541 to confluence with Clifton Branch	7	7	0	9.00	LD	NC	NC		No
2008	pH	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	23	23	0	9.00	AD	FS	FS		No
2008	pH	1902_05	Upper end of segment	44	44	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1902_01	Lower 5 miles of segment	33	33	0	6.50	AD	FS	FS		No
2008	pH	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	46	46	0	6.50	AD	FS	FS		No
2008	pH	1902_03	From FM 541 to confluence with Clifton Branch	7	7	0	6.50	LD	NC	NC		No
2008	pH	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	23	23	0	6.50	AD	FS	FS		No
2008	pH	1902_05	Upper end of segment	44	44	0	6.50	AD	FS	FS		No

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**Segment ID:** 1902      **Lower Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 71 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	1902_01	Lower 5 miles of segment	27	27	0	0.33	AD	NC	NC		No
2008	Ammonia	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	41	41	1	0.33	AD	NC	NC		No
2008	Ammonia	1902_03	From FM 541 to confluence with Clifton Branch	6	6	1	0.33	LD	NC	NC		No
2008	Ammonia	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	24	24	0	0.33	AD	NC	NC		No
2008	Ammonia	1902_05	Upper end of segment	42	42	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1902_01	Lower 5 miles of segment	7	7	1	14.10	LD	NC	NC		No
2006	Chlorophyll-a	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	0	0		14.10	ID	NA	NA		No
2008	Chlorophyll-a	1902_03	From FM 541 to confluence with Clifton Branch	1	1	0	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	22	22	0	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1902_05	Upper end of segment	0	0		14.10	ID	NA	NA		No
2008	Nitrate	1902_01	Lower 5 miles of segment	26	26	8	1.95	AD	CS	CS		No
2008	Nitrate	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	42	42	9	1.95	AD	NC	NC		No
2008	Nitrate	1902_03	From FM 541 to confluence with Clifton Branch	6	6	1	1.95	LD	NC	NC		No
2008	Nitrate	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	24	24	17	1.95	AD	CS	CS		No
2008	Nitrate	1902_05	Upper end of segment	42	42	28	1.95	AD	CS	CS		No
2008	Orthophosphorus	1902_01	Lower 5 miles of segment	7	7	0	0.37	LD	NC	NC		No
2008	Orthophosphorus	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	23	23	1	0.37	AD	NC	NC		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:** 1902      **Lower Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 71 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	Orthophosphorus	1902_03	From FM 541 to confluence with Clifton Branch	6	6	2	0.37	LD	NC	NC		No
2008	Orthophosphorus	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	24	24	8	0.37	AD	CS	CS		No
2008	Orthophosphorus	1902_05	Upper end of segment	23	23	16	0.37	AD	CS	CS		No
2008	Total Phosphorus	1902_01	Lower 5 miles of segment	27	27	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	39	39	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1902_03	From FM 541 to confluence with Clifton Branch	5	5	1	0.69	LD	NC	NC		No
2008	Total Phosphorus	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	23	23	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1902_05	Upper end of segment	40	40	11	0.69	AD	CS	CS		No

#### Water Temperature

2008	Temperature	1902_01	Lower 5 miles of segment	34	34	0	32.20	AD	FS	FS		No
2008	Temperature	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	48	48	0	32.20	AD	FS	FS		No
2008	Temperature	1902_03	From FM 541 to confluence with Clifton Branch	7	7	0	32.20	LD	NC	NC		No
2008	Temperature	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	23	23	0	32.20	AD	FS	FS		No
2008	Temperature	1902_05	Upper end of segment	44	44	0	32.20	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:** 1902      **Lower Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 71 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	1902_01	Lower 5 miles of segment	30	30	1	231.95	126.00	AD	NS	NS	5a	No
2008	E. coli	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	38	38	1	164.52	126.00	AD	NS	NS	5a	No
2008	E. coli	1902_03	From FM 541 to confluence with Clifton Branch	6	6	1	497.42	126.00	LD	CN	NS	5a	Yes
2008	E. coli	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	17	17	0	57.27	126.00	AD	FS	FS		No
2008	E. coli	1902_05	Upper end of segment	39	39	0	97.39	126.00	AD	FS	FS		No
2008	Enterococcus	1902_03	From FM 541 to confluence with Clifton Branch	5	5	1	4,714.27	35.00	SM	FS	FS		No
2008	Fecal coliform	1902_01	Lower 5 miles of segment	21	21	1	206.19	200.00	SM	NA	NA		No
2008	Fecal coliform	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	26	26	1	271.43	200.00	SM	NA	NA		No
2008	Fecal coliform	1902_03	From FM 541 to confluence with Clifton Branch	5	5	1	1,571.58	200.00	SM	NA	NA		No
2008	Fecal coliform	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	8	8	0	136.08	200.00	LD	NC	NC		No
2008	Fecal coliform	1902_05	Upper end of segment	27	27	0	150.93	200.00	SM	NA	NA		No

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**Segment ID:** 1902      **Lower Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 71 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 Single Sample</b>												
2008	E. coli	1902_01	Lower 5 miles of segment	30	30	9	394.00	AD	CN	CN		No
2008	E. coli	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	38	38	5	394.00	AD	FS	FS		No
2008	E. coli	1902_03	From FM 541 to confluence with Clifton Branch	6	6	2	394.00	LD	NC	NC		No
2008	E. coli	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	17	17	0	394.00	AD	FS	FS		No
2008	E. coli	1902_05	Upper end of segment	39	39	3	394.00	AD	FS	FS		No
2008	Enterococcus	1902_03	From FM 541 to confluence with Clifton Branch	5	5	5	89.00	SM	NA	NA		No
2008	Fecal coliform	1902_01	Lower 5 miles of segment	21	21	3	400.00	SM	NA	NA		No
2008	Fecal coliform	1902_02	From 5 miles upstream of confluence with the San Antonio River to FM 541	26	26	6	400.00	SM	NA	NA		No
2008	Fecal coliform	1902_03	From FM 541 to confluence with Clifton Branch	5	5	2	400.00	SM	NA	NA		No
2008	Fecal coliform	1902_04	From confluence with Clifton Branch to the confluence with Elm Creek	8	8	1	400.00	LD	NC	NC		No
2008	Fecal coliform	1902_05	Upper end of segment	27	27	3	400.00	SM	NA	NA		No

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

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**Segment ID:** 1902A **Martinez Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 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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### Aquatic Life Use

#### **Dissolved Oxygen 24hr average**

2006	Dissolved Oxygen 24hr Avg	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	1	1	1	4.00	ID	NA	NA		No
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#### **Dissolved Oxygen 24hr minimum**

2006	Dissolved Oxygen 24hr Min	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	1	1	1	3.00	ID	NA	NA		No
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#### **Dissolved Oxygen grab minimum**

2006	Dissolved Oxygen Grab	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0		3.00	ID	NA	NA		No
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2006	Dissolved Oxygen Grab	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0		3.00	ID	NA	NA		No
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2006	Dissolved Oxygen Grab	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0		3.00	ID	NA	NA		No
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2006	Dissolved Oxygen Grab	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	14	14	3	3.00	TR	NA	NA		No
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#### **Dissolved Oxygen grab screening level**

2006	Dissolved Oxygen Grab	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0		4.00	ID	NA	NA		No
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2006	Dissolved Oxygen Grab	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
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2006	Dissolved Oxygen Grab	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
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2006	Dissolved Oxygen Grab	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	14	14	4	4.00	TR	NA	NA		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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**Segment ID:** 1902A **Martinez Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 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	Multiple	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	Multiple	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	Multiple	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	Multiple	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0			ID	NA	NA		No

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

2006	Multiple	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	Multiple	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	Multiple	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	Multiple	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0			ID	NA	NA		No

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**Segment ID:** 1902A **Martinez Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 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

#### High pH

2006	pH	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	pH	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	pH	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	pH	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0			ID	NA	NA		No

#### Low pH

2006	pH	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	pH	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	pH	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	pH	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0			ID	NA	NA		No

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

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**Segment ID:** 1902A **Martinez Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 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>												
2006	Ammonia	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	Ammonia	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	Ammonia	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	Ammonia	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	Chlorophyll-a	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	Chlorophyll-a	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	Chlorophyll-a	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		14.10	ID	NA	NA		No
2006	Nitrate	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	Nitrate	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	Nitrate	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	Nitrate	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	Orthophosphorus	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No

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

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### Segment ID: 1902A Martinez Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 24 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

2006	Orthophosphorus	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	Orthophosphorus	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	Total Phosphorus	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	Total Phosphorus	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	Total Phosphorus	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		0.69	ID	NA	NA		No

##### Water Temperature

2006	Temperature	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	Temperature	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	Temperature	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	Temperature	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0			ID	NA	NA		No



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

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**Segment ID:** 1902A **Martinez Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 24 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	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0			ID	NA	NA		No
2006	E. coli	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0			ID	NA	NA		No
2006	E. coli	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0			ID	NA	NA		No
2006	E. coli	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		126.00	ID	NA	NA		No
2006	Fecal coliform	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1902A_01	From confluence with Cibolo Creek to confluence with Salatrillo Creek	0	0		394.00	ID	NA	NA		No
2006	E. coli	1902A_02	From confluence with Salatrillo Creek to confluence with Escondido Creek	0	0		394.00	ID	NA	NA		No
2006	E. coli	1902A_03	From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	0	0		394.00	ID	NA	NA		No
2006	E. coli	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		394.00	ID	NA	NA		No
2006	Fecal coliform	1902A_04	From appx. 1.9 miles downstream of IH 10 to Binz- Engleman Rd.	0	0		400.00	ID	NA	NA		No

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

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### Segment ID: 1902B Salatrillo Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 12 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>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0		2.00	ID	NA	NA		No
2006	Dissolved Oxygen Grab	1902B_02	Remainder of water body	0	0			ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen Grab	1902B_02	Remainder of water body	0	0			ID	NA	NA		No
<b><u>Fish Consumption Use</u></b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse					ID	NA	NA		No
2006	Multiple	1902B_02	Remainder of water body					ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0			ID	NA	NA		No
2006	Multiple	1902B_02	Remainder of water body	0	0			ID	NA	NA		No

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

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**Segment ID:** 1902B      **Salatrillo Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 12 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>												
2006	Ammonia	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0			ID	NA	NA		No
2006	Ammonia	1902B_02	Remainder of water body	0	0			ID	NA	NA		No
2006	Chlorophyll-a	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0			ID	NA	NA		No
2006	Chlorophyll-a	1902B_02	Remainder of water body	0	0			ID	NA	NA		No
2006	Nitrate	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0			ID	NA	NA		No
2006	Nitrate	1902B_02	Remainder of water body	0	0			ID	NA	NA		No
2006	Orthophosphorus	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0			ID	NA	NA		No
2006	Orthophosphorus	1902B_02	Remainder of water body	0	0			ID	NA	NA		No
2006	Total Phosphorus	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0			ID	NA	NA		No
2006	Total Phosphorus	1902B_02	Remainder of water body	0	0			ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0		126.00	ID	NA	NA		No
2006	E. coli	1902B_02	Remainder of water body	0	0		126.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1902B_01	From the confluence with Martinez Creek to FM 78 in Converse	0	0		394.00	ID	NA	NA		No
2006	E. coli	1902B_02	Remainder of water body	0	0		394.00	ID	NA	NA		No

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

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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>Acute Toxic Substances in water</b>												
2006	Multiple	1903_01	Lower 5 miles of segment	2	2			ID	NA	NA		No
2006	Multiple	1903_04	From confluence with Live Oak Slough to upstream 25 miles	10	10			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1903_01	Lower 5 miles of segment	2	2			ID	NA	NA		No
2006	Multiple	1903_04	From confluence with Live Oak Slough to upstream 25 miles	10	10			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1903_01	Lower 5 miles of segment	1	1	0	5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	1	1	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1903_04	From confluence with Live Oak Slough to upstream 25 miles	5	5	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1903_05	Upper 32 miles of segment	1	1	0	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1903_01	Lower 5 miles of segment	1	1	0	3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	1	1	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1903_04	From confluence with Live Oak Slough to upstream 25 miles	5	5	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1903_05	Upper 32 miles of segment	1	1	0	3.00	ID	NA	NA		No

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

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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	1903_01	Lower 5 miles of segment	37	37	0		3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	30	30	0		3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	31	31	0		3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	1903_04	From confluence with Live Oak Slough to upstream 25 miles	80	80	0		3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	1903_05	Upper 32 miles of segment	33	33	0		3.00	AD	FS	FS	No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1903_01	Lower 5 miles of segment	37	37	0		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	30	30	0		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	31	31	0		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1903_04	From confluence with Live Oak Slough to upstream 25 miles	80	80	0		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1903_05	Upper 32 miles of segment	33	33	0		5.00	AD	NC	NC	No
<b>Fish Community</b>												
2008	Fish Community	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	1	1	1	39.00	41.00	LD	CN	CN	No
2008	Fish Community	1903_04	From confluence with Live Oak Slough to upstream 25 miles	5	5	2	42.40	41.00	AD	FS	FS	No
2008	Fish Community	1903_05	Upper 32 miles of segment	1	1	1	41.00	42.00	LD	CN	CN	No

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

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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>Habitat</b>												
2008	Habitat	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	1	1	27.00	20.00	LD	NC	NC		No
2008	Habitat	1903_04	From confluence with Live Oak Slough to upstream 25 miles	5	5	22.60	20.00	AD	NC	NC		No
2008	Habitat	1903_05	Upper 32 miles of segment	1	1	29.00	20.00	LD	NC	NC		No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	0	0		29.00	ID	NA	NA		No
2008	Macrobenthic Community	1903_04	From confluence with Live Oak Slough to upstream 25 miles	0	0		20.00	ID	NA	NA		No
2008	Macrobenthic Community	1903_05	Upper 32 miles of segment	0	0		29.00	ID	NA	NA		No

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**Water body size:** 80 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	Multiple	1903_01	Lower 5 miles of segment	0	0			ID	NA	NA		No
2006	Multiple	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	0	0			ID	NA	NA		No
2006	Multiple	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	0	0			ID	NA	NA		No
2006	Multiple	1903_04	From confluence with Live Oak Slough to upstream 25 miles	0	0			ID	NA	NA		No
2006	Multiple	1903_05	Upper 32 miles of segment	0	0			ID	NA	NA		No

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

2006	Multiple	1903_01	Lower 5 miles of segment	18	18			AD	FS	FS		No
2006	Multiple	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	18	18			AD	FS	FS		No
2006	Multiple	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	18	18			AD	FS	FS		No
2006	Multiple	1903_04	From confluence with Live Oak Slough to upstream 25 miles	18	18			AD	FS	FS		No
2006	Multiple	1903_05	Upper 32 miles of segment	18	18			AD	FS	FS		No

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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	1903_01	Lower 5 miles of segment	141	141	37.33	120.00	AD	FS	FS		No
2008	Chloride	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	141	141	37.33	120.00	AD	FS	FS		No
2008	Chloride	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	141	141	37.33	120.00	AD	FS	FS		No
2008	Chloride	1903_04	From confluence with Live Oak Slough to upstream 25 miles	141	141	37.33	120.00	AD	FS	FS		No
2008	Chloride	1903_05	Upper 32 miles of segment	141	141	37.33	120.00	AD	FS	FS		No
2008	Sulfate	1903_01	Lower 5 miles of segment	139	139	58.45	120.00	AD	FS	FS		No
2008	Sulfate	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	139	139	58.45	120.00	AD	FS	FS		No
2008	Sulfate	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	139	139	58.45	120.00	AD	FS	FS		No
2008	Sulfate	1903_04	From confluence with Live Oak Slough to upstream 25 miles	139	139	58.45	120.00	AD	FS	FS		No
2008	Sulfate	1903_05	Upper 32 miles of segment	139	139	58.45	120.00	AD	FS	FS		No
2008	Total Dissolved Solids	1903_01	Lower 5 miles of segment	240	240	420.19	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	240	240	420.19	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	240	240	420.19	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1903_04	From confluence with Live Oak Slough to upstream 25 miles	240	240	420.19	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1903_05	Upper 32 miles of segment	240	240	420.19	700.00	AD	FS	FS		No



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**Segment ID: 1903 Medina River Below Medina Diversion Lake**

**Water body type:** Freshwater Stream

**Water body size:** 80 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

#### High pH

2008	pH	1903_01	Lower 5 miles of segment	36	36	0	9.00	AD	FS	FS		No
2008	pH	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	31	31	0	9.00	AD	FS	FS		No
2008	pH	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	31	31	0	9.00	AD	FS	FS		No
2008	pH	1903_04	From confluence with Live Oak Slough to upstream 25 miles	81	81	0	9.00	AD	FS	FS		No
2008	pH	1903_05	Upper 32 miles of segment	33	33	0	9.00	AD	FS	FS		No

#### Low pH

2008	pH	1903_01	Lower 5 miles of segment	36	36	0	6.50	AD	FS	FS		No
2008	pH	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	31	31	0	6.50	AD	FS	FS		No
2008	pH	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	31	31	0	6.50	AD	FS	FS		No
2008	pH	1903_04	From confluence with Live Oak Slough to upstream 25 miles	81	81	0	6.50	AD	FS	FS		No
2008	pH	1903_05	Upper 32 miles of segment	33	33	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: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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	1903_01	Lower 5 miles of segment	27	27	9	0.33	AD	CS	CS		No
2008	Ammonia	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	21	21	4	0.33	AD	NC	NC		No
2008	Ammonia	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	8	8	0	0.33	LD	NC	NC		No
2008	Ammonia	1903_04	From confluence with Live Oak Slough to upstream 25 miles	41	41	0	0.33	AD	NC	NC		No
2008	Ammonia	1903_05	Upper 32 miles of segment	34	34	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1903_01	Lower 5 miles of segment	26	26	0	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1903_04	From confluence with Live Oak Slough to upstream 25 miles	0	0		14.10	ID	NA	NA		No
2008	Chlorophyll-a	1903_05	Upper 32 miles of segment	27	27	0	14.10	AD	NC	NC		No
2008	Nitrate	1903_01	Lower 5 miles of segment	27	27	26	1.95	AD	CS	CS		No
2008	Nitrate	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	21	21	14	1.95	AD	CS	CS		No
2008	Nitrate	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	7	7	7	1.95	LD	CS	CS		No
2008	Nitrate	1903_04	From confluence with Live Oak Slough to upstream 25 miles	42	42	24	1.95	AD	CS	CS		No
2008	Nitrate	1903_05	Upper 32 miles of segment	33	33	3	1.95	AD	NC	NC		No
2008	Orthophosphorus	1903_01	Lower 5 miles of segment	27	27	21	0.37	AD	CS	CS		No
2008	Orthophosphorus	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	1	1	1	0.37	ID	NA	NA		No

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

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	7	7	0	0.37	LD	NC	NC		No
2008	Orthophosphorus	1903_04	From confluence with Live Oak Slough to upstream 25 miles	22	22	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1903_05	Upper 32 miles of segment	32	32	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1903_01	Lower 5 miles of segment	27	27	17	0.69	AD	CS	CS		No
2008	Total Phosphorus	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	21	21	7	0.69	AD	CS	CS		No
2008	Total Phosphorus	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	8	8	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	1903_04	From confluence with Live Oak Slough to upstream 25 miles	42	42	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1903_05	Upper 32 miles of segment	34	34	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1903_01	Lower 5 miles of segment	37	37	0	32.20	AD	FS	FS		No
2008	Temperature	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	34	34	0	32.20	AD	FS	FS		No
2008	Temperature	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	31	31	0	32.20	AD	FS	FS		No
2008	Temperature	1903_04	From confluence with Live Oak Slough to upstream 25 miles	91	91	0	32.20	AD	FS	FS		No
2008	Temperature	1903_05	Upper 32 miles of segment	33	33	0	32.20	AD	FS	FS		No

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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	1903_01	Lower 5 miles of segment					OE	NC	NC		No
2008	Chloride	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					OE	NC	NC		No
2008	Chloride	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					OE	NC	NC		No
2008	Chloride	1903_04	From confluence with Live Oak Slough to upstream 25 miles					OE	NC	NC		No
2008	Chloride	1903_05	Upper 32 miles of segment					OE	NC	NC		No
2008	Sulfate	1903_01	Lower 5 miles of segment					OE	NC	NC		No
2008	Sulfate	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					OE	NC	NC		No
2008	Sulfate	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					OE	NC	NC		No
2008	Sulfate	1903_04	From confluence with Live Oak Slough to upstream 25 miles					OE	NC	NC		No
2008	Sulfate	1903_05	Upper 32 miles of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1903_01	Lower 5 miles of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					OE	NC	NC		No
2008	Total Dissolved Solids	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					OE	NC	NC		No
2008	Total Dissolved Solids	1903_04	From confluence with Live Oak Slough to upstream 25 miles					OE	NC	NC		No
2008	Total Dissolved Solids	1903_05	Upper 32 miles of segment					OE	NC	NC		No

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

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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	1903_01	Lower 5 miles of segment					OE	FS	FS		No
2008	Multiple	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					OE	FS	FS		No
2008	Multiple	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					OE	FS	FS		No
2008	Multiple	1903_04	From confluence with Live Oak Slough to upstream 25 miles					OE	FS	FS		No
2008	Multiple	1903_05	Upper 32 miles of segment					OE	FS	FS		No

##### Finished Drinking Water MCLs Concern

2008	Multiple	1903_01	Lower 5 miles of segment					OE	NC	NC		No
2008	Multiple	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					OE	NC	NC		No
2008	Multiple	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					OE	NC	NC		No
2008	Multiple	1903_04	From confluence with Live Oak Slough to upstream 25 miles					OE	NC	NC		No
2008	Multiple	1903_05	Upper 32 miles of segment					OE	NC	NC		No

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

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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

##### Increased cost for treatment

2006	Demineralization	1903_01	Lower 5 miles of segment					OE	NC	NC		No
2006	Demineralization	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					OE	NC	NC		No
2006	Demineralization	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					OE	NC	NC		No
2006	Demineralization	1903_04	From confluence with Live Oak Slough to upstream 25 miles					OE	NC	NC		No
2006	Demineralization	1903_05	Upper 32 miles of segment					OE	NC	NC		No
2006	Taste and Odor	1903_01	Lower 5 miles of segment					OE	NC	NC		No
2006	Taste and Odor	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					OE	NC	NC		No
2006	Taste and Odor	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					OE	NC	NC		No
2006	Taste and Odor	1903_04	From confluence with Live Oak Slough to upstream 25 miles					OE	NC	NC		No
2006	Taste and Odor	1903_05	Upper 32 miles of segment					OE	NC	NC		No

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

2006	Multiple	1903_01	Lower 5 miles of segment	97	97			AD	FS	FS		No
2006	Multiple	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	97	97			AD	FS	FS		No
2006	Multiple	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	97	97			AD	FS	FS		No
2006	Multiple	1903_04	From confluence with Live Oak Slough to upstream 25 miles	97	97			AD	FS	FS		No
2006	Multiple	1903_05	Upper 32 miles of segment	97	97			AD	FS	FS		No

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

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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>Surface Water Toxic Substances average concern</b>												
2006	Alachlor	1903_01	Lower 5 miles of segment					AD	NC	NC		No
2006	Alachlor	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					AD	NC	NC		No
2006	Alachlor	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					AD	NC	NC		No
2006	Alachlor	1903_04	From confluence with Live Oak Slough to upstream 25 miles					AD	NC	NC		No
2006	Alachlor	1903_05	Upper 32 miles of segment					AD	NC	NC		No
2006	Atrazine	1903_01	Lower 5 miles of segment					AD	NC	NC		No
2006	Atrazine	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					AD	NC	NC		No
2006	Atrazine	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					AD	NC	NC		No
2006	Atrazine	1903_04	From confluence with Live Oak Slough to upstream 25 miles					AD	NC	NC		No
2006	Atrazine	1903_05	Upper 32 miles of segment					AD	NC	NC		No
2006	MTBE	1903_01	Lower 5 miles of segment					AD	NC	NC		No
2006	MTBE	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					AD	NC	NC		No
2006	MTBE	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					AD	NC	NC		No
2006	MTBE	1903_04	From confluence with Live Oak Slough to upstream 25 miles					AD	NC	NC		No
2006	MTBE	1903_05	Upper 32 miles of segment					AD	NC	NC		No
2006	Perchlorate	1903_01	Lower 5 miles of segment					AD	NC	NC		No
2006	Perchlorate	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek					AD	NC	NC		No

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

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Segment ID: 1903 Medina River Below Medina Diversion Lake

Water body type: Freshwater Stream Water body size: 80 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 Toxic Substances average concern

2006	Perchlorate	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough					AD	NC	NC		No
2006	Perchlorate	1903_04	From confluence with Live Oak Slough to upstream 25 miles					AD	NC	NC		No
2006	Perchlorate	1903_05	Upper 32 miles of segment					AD	NC	NC		No



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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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	1903_01	Lower 5 miles of segment	27	27	0	84.57	126.00	AD	FS	FS	No
2008	E. coli	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	29	29	0	110.43	126.00	AD	FS	FS	No
2008	E. coli	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	24	24	0	86.97	126.00	AD	FS	FS	No
2008	E. coli	1903_04	From confluence with Live Oak Slough to upstream 25 miles	64	64	0	70.15	126.00	AD	FS	FS	No
2008	E. coli	1903_05	Upper 32 miles of segment	25	25	0	11.19	126.00	AD	FS	FS	No
2008	Enterococcus	1903_04	From confluence with Live Oak Slough to upstream 25 miles	10	10	1	309.15	35.00	SM	NA	NA	No
2008	Fecal coliform	1903_01	Lower 5 miles of segment	18	18	0	174.83	200.00	AD	FS	FS	No
2008	Fecal coliform	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	24	24	0	162.27	200.00	AD	FS	FS	No
2008	Fecal coliform	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	20	20	0	124.70	200.00	AD	FS	FS	No
2008	Fecal coliform	1903_04	From confluence with Live Oak Slough to upstream 25 miles	46	46	0	90.32	200.00	SM	NA	NA	No
2008	Fecal coliform	1903_05	Upper 32 miles of segment	13	13	0	26.10	200.00	AD	FS	FS	No

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### Segment ID: 1903 Medina River Below Medina Diversion Lake

**Water body type:** Freshwater Stream

**Water body size:** 80 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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#### Recreation Use

##### **Bacteria Single Sample**

2008	E. coli	1903_01	Lower 5 miles of segment	27	27	2	394.00	AD	FS	FS		No
2008	E. coli	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	29	29	1	394.00	AD	FS	FS		No
2008	E. coli	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	24	24	2	394.00	AD	FS	FS		No
2008	E. coli	1903_04	From confluence with Live Oak Slough to upstream 25 miles	64	64	2	394.00	AD	FS	FS		No
2008	E. coli	1903_05	Upper 32 miles of segment	25	25	0	394.00	AD	FS	FS		No
2008	Enterococcus	1903_04	From confluence with Live Oak Slough to upstream 25 miles	10	10	10	89.00	SM	NA	NA		No
2008	Fecal coliform	1903_01	Lower 5 miles of segment	18	18	2	400.00	AD	FS	FS		No
2008	Fecal coliform	1903_02	From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek	24	24	2	400.00	AD	FS	FS		No
2008	Fecal coliform	1903_03	From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	20	20	3	400.00	AD	FS	FS		No
2008	Fecal coliform	1903_04	From confluence with Live Oak Slough to upstream 25 miles	46	46	5	400.00	SM	NA	NA		No
2008	Fecal coliform	1903_05	Upper 32 miles of segment	13	13	0	400.00	AD	FS	FS		No

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**Segment ID: 1904 Medina Lake**

**Water body type:** Reservoir

**Water body size:** 5,575 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>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Selenium	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	2	2	0	20.00	ID	NA	NA		No
2006	Selenium	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	2	2	0	20.00	ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Selenium	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	2	2		0.19	5.00	ID	NA	NA	No
2006	Selenium	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	2	2		0.18	5.00	ID	NA	NA	No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	0	0			5.00	ID	NA	NA	No
2006	Dissolved Oxygen 24hr Avg	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	0	0			5.00	ID	NA	NA	No
2006	Dissolved Oxygen 24hr Avg	1904_03	Remainder of segment	0	0			5.00	ID	NA	NA	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	0	0			3.00	ID	NA	NA	No
2006	Dissolved Oxygen 24hr Min	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	0	0			3.00	ID	NA	NA	No
2006	Dissolved Oxygen 24hr Min	1904_03	Remainder of segment	0	0			3.00	ID	NA	NA	No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	11	11	0		3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	50	17	0		3.00	AD	FS	FS	No
2006	Dissolved Oxygen Grab	1904_03	Remainder of segment	0	0			3.00	ID	NA	NA	No

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**Segment ID:** 1904      **Medina Lake**

**Water body type:** Reservoir

**Water body size:** 5,575 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>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	11	11	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	50	17	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	1904_03	Remainder of segment	0	0		5.00	ID	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	8	8	0		LD	NC	NC		No
2006	Multiple	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	8	8	0		LD	NC	NC		No
2006	Multiple	1904_03	Remainder of segment	8	8	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	0	0			ID	NA	NA		No
2006	Multiple	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	0	0			ID	NA	NA		No
2006	Multiple	1904_03	Remainder of segment	0	0			ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	4	4			LD	NC	NC		No
2006	Multiple	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	4	4			LD	NC	NC		No
2006	Multiple	1904_03	Remainder of segment	4	4			LD	NC	NC		No

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**Segment ID: 1904 Medina Lake**

**Water body type:** Reservoir

**Water body size:** 5,575 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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### General Use

#### Dissolved Solids

2008	Chloride	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	37	37		11.43	80.00	AD	FS	FS	No
2008	Chloride	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	37	37		11.43	80.00	AD	FS	FS	No
2008	Chloride	1904_03	Remainder of segment	37	37		11.43	80.00	AD	FS	FS	No
2008	Sulfate	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	37	37		51.08	75.00	AD	FS	FS	No
2008	Sulfate	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	37	37		51.08	75.00	AD	FS	FS	No
2008	Sulfate	1904_03	Remainder of segment	37	37		51.08	75.00	AD	FS	FS	No
2008	Total Dissolved Solids	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	38	38		275.46	350.00	AD	FS	FS	No
2008	Total Dissolved Solids	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	38	38		275.46	350.00	AD	FS	FS	No
2008	Total Dissolved Solids	1904_03	Remainder of segment	38	38		275.46	350.00	AD	FS	FS	No

#### High pH

2006	pH	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	11	11	0		9.00	AD	FS	FS	No
2008	pH	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	50	17	0		9.00	AD	FS	FS	No
2006	pH	1904_03	Remainder of segment	0	0			9.00	ID	NA	NA	No

#### Low pH

2006	pH	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	11	11	0		6.50	AD	FS	FS	No
2008	pH	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	50	17	2		6.50	AD	FS	FS	No
2006	pH	1904_03	Remainder of segment	0	0			6.50	ID	NA	NA	No

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**Segment ID: 1904 Medina Lake**

**Water body type:** Reservoir

**Water body size:** 5,575 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>												
2006	Ammonia	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	13	13	0	0.11	AD	NC	NC		No
2008	Ammonia	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	18	18	0	0.11	AD	NC	NC		No
2006	Ammonia	1904_03	Remainder of segment	0	0		0.11	ID	NA	NA		No
2006	Chlorophyll-a	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	11	11	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	16	16	0	26.70	AD	NC	NC		No
2006	Chlorophyll-a	1904_03	Remainder of segment	0	0		26.70	ID	NA	NA		No
2006	Nitrate	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	13	13	1	0.37	AD	NC	NC		No
2008	Nitrate	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	18	18	3	0.37	AD	NC	NC		No
2006	Nitrate	1904_03	Remainder of segment	0	0		0.37	ID	NA	NA		No
2006	Orthophosphorus	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	12	12	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	17	17	0	0.05	AD	NC	NC		No
2006	Orthophosphorus	1904_03	Remainder of segment	0	0		0.05	ID	NA	NA		No
2006	Total Phosphorus	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	13	13	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	18	18	0	0.20	AD	NC	NC		No
2006	Total Phosphorus	1904_03	Remainder of segment	0	0		0.20	ID	NA	NA		No

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Segment ID: 1904 Medina Lake

Water body type: Reservoir Water body size: 5,575 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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General Use

Water Temperature

2006	Temperature	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	11	11	0	31.11	AD	FS	FS		No
2008	Temperature	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	50	17	0	31.10	AD	FS	FS		No
2006	Temperature	1904_03	Remainder of segment	0	0		31.11	ID	NA	NA		No

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**Segment ID:** 1904 **Medina Lake**

**Water body type:** Reservoir

**Water body size:** 5,575 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	Chloride	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove					OE	NC	NC		No
2008	Chloride	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment					OE	NC	NC		No
2008	Chloride	1904_03	Remainder of segment					OE	NC	NC		No
2008	Sulfate	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove					OE	NC	NC		No
2008	Sulfate	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment					OE	NC	NC		No
2008	Sulfate	1904_03	Remainder of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove					OE	NC	NC		No
2008	Total Dissolved Solids	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1904_03	Remainder of segment					OE	NC	NC		No

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

2008	Multiple	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove					OE	FS	FS		No
2008	Multiple	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment					OE	FS	FS		No
2008	Multiple	1904_03	Remainder of segment					OE	FS	FS		No

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

2008	Multiple	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove					OE	NC	NC		No
2008	Multiple	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment					OE	NC	NC		No
2008	Multiple	1904_03	Remainder of segment					OE	NC	NC		No



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

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**Segment ID:** 1904      **Medina Lake**

**Water body type:** Reservoir

**Water body size:** 5,575 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

#### Increased cost for treatment

2006	Demineralization	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove					OE	NC	NC		No
2006	Demineralization	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment					OE	NC	NC		No
2006	Demineralization	1904_03	Remainder of segment					OE	NC	NC		No
2006	Taste and Odor	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove					OE	NC	NC		No
2006	Taste and Odor	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment					OE	NC	NC		No
2006	Taste and Odor	1904_03	Remainder of segment					OE	NC	NC		No

#### Surface Water HH criteria for PWS average

2006	Multiple	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	4	4			LD	NC	NC		No
2006	Multiple	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	4	4			LD	NC	NC		No
2006	Multiple	1904_03	Remainder of segment	4	4			LD	NC	NC		No
2006	Nitrate	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	26	26		0.17	AD	FS	FS		No
2006	Nitrate	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	26	26		0.17	AD	FS	FS		No
2006	Nitrate	1904_03	Remainder of segment	26	26		0.17	AD	FS	FS		No

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**Segment ID: 1904 Medina Lake**

**Water body type:** Reservoir

**Water body size:** 5,575 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

#### Surface Water Toxic Substances average concern

2006	Alachlor	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	0	0			ID	NA	NA		No
2006	Alachlor	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	0	0			ID	NA	NA		No
2006	Alachlor	1904_03	Remainder of segment	0	0			ID	NA	NA		No
2006	Atrazine	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	0	0			ID	NA	NA		No
2006	Atrazine	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	0	0			ID	NA	NA		No
2006	Atrazine	1904_03	Remainder of segment	0	0			ID	NA	NA		No
2006	MTBE	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	0	0			ID	NA	NA		No
2006	MTBE	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	0	0			ID	NA	NA		No
2006	MTBE	1904_03	Remainder of segment	0	0			ID	NA	NA		No
2006	Perchlorate	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	0	0			ID	NA	NA		No
2006	Perchlorate	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	0	0			ID	NA	NA		No
2006	Perchlorate	1904_03	Remainder of segment	0	0			ID	NA	NA		No

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**Segment ID:** 1904      **Medina Lake**

**Water body type:** Reservoir

**Water body size:** 5,575 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>												
2006	E. coli	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	8	8		1.00	126.00	LD	NC	NC	No
2008	E. coli	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	10	10	0	2.22	126.00	AD	FS	FS	No
2006	E. coli	1904_03	Remainder of segment	0	0			126.00	ID	NA	NA	No
2006	Fecal coliform	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	4	4		2.00	200.00	SM	NA	NA	No
2008	Fecal coliform	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	7	7	0	1.87	200.00	LD	NC	NC	No
2006	Fecal coliform	1904_03	Remainder of segment	0	0			200.00	ID	NA	NA	No
<b>Bacteria Single Sample</b>												
2006	E. coli	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	8	8	0		394.00	LD	NC	NC	No
2008	E. coli	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	10	10	0		394.00	AD	FS	FS	No
2006	E. coli	1904_03	Remainder of segment	0	0			394.00	ID	NA	NA	No
2006	Fecal coliform	1904_01	Lower portion, from dam west to Masterson Point and east to Reuters Cove	4	4	0		400.00	SM	NA	NA	No
2008	Fecal coliform	1904_02	Part of lake extending upstream from Brushy Creek to upper end of segment	7	7	0		400.00	LD	NC	NC	No
2006	Fecal coliform	1904_03	Remainder of segment	0	0			400.00	ID	NA	NA	No

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**Segment ID: 1905 Medina River Above Medina Lake**

**Water body type:** Freshwater Stream

**Water body size:** 34 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>Acute Toxic Substances in water</b>												
2006	Multiple	1905_01	From lower end of segment to RR 470, upstream of Bandera	2	2	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1905_01	From lower end of segment to RR 470, upstream of Bandera	2	2			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1905_01	From lower end of segment to RR 470, upstream of Bandera	5	5	0	6.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1905_02	Remainder of segment	1	1	0	6.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1905_01	From lower end of segment to RR 470, upstream of Bandera	5	5	0	4.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1905_02	Remainder of segment	1	1	0	4.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1905_01	From lower end of segment to RR 470, upstream of Bandera	37	37	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1905_02	Remainder of segment	7	7	0	4.00	LD	NC	NC		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1905_01	From lower end of segment to RR 470, upstream of Bandera	37	37	0	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1905_02	Remainder of segment	7	7	0	6.00	LD	NC	NC		No
<b>Fish Community</b>												
2008	Fish Community	1905_01	From lower end of segment to RR 470, upstream of Bandera	5	5	4	48.40	AD	NS	NS	4c	No
2008	Fish Community	1905_02	Remainder of segment	1	1	1	48.00	LD	CN	CN		No
<b>Habitat</b>												
2008	Habitat	1905_01	From lower end of segment to RR 470, upstream of Bandera	5	5	3	23.80	AD	CS	CS		No
2008	Habitat	1905_02	Remainder of segment	1	1		27.00	LD	NC	NC		No

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

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**Segment ID: 1905 Medina River Above Medina Lake**

**Water body type:** Freshwater Stream

**Water body size:** 34 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>Macrobenthic Community</b>												
2008	Macrobenthic Community	1905_01	From lower end of segment to RR 470, upstream of Bandera	0	0		36.00	ID	NA	NA		No
2008	Macrobenthic Community	1905_02	Remainder of segment	0	0		36.00	ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1905_01	From lower end of segment to RR 470, upstream of Bandera	0	0			ID	NA	NA		No
2006	Multiple	1905_02	Remainder of segment	0	0			ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1905_01	From lower end of segment to RR 470, upstream of Bandera	4	4			LD	NC	NC		No
2006	Multiple	1905_02	Remainder of segment	4	4			LD	NC	NC		No

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**Water body type:** Freshwater Stream

**Water body size:** 34 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	1905_01	From lower end of segment to RR 470, upstream of Bandera	39	39		11.91	50.00	AD	FS	FS	No
2008	Chloride	1905_02	Remainder of segment	39	39		11.91	50.00	AD	FS	FS	No
2008	Sulfate	1905_01	From lower end of segment to RR 470, upstream of Bandera	37	37		71.96	150.00	AD	FS	FS	No
2008	Sulfate	1905_02	Remainder of segment	37	37		71.96	150.00	AD	FS	FS	No
2008	Total Dissolved Solids	1905_01	From lower end of segment to RR 470, upstream of Bandera	48	48		353.26	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	1905_02	Remainder of segment	48	48		353.26	400.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1905_01	From lower end of segment to RR 470, upstream of Bandera	37	37	0		9.00	AD	FS	FS	No
2008	pH	1905_02	Remainder of segment	7	7	0		9.00	LD	NC	NC	No
<b>Low pH</b>												
2008	pH	1905_01	From lower end of segment to RR 470, upstream of Bandera	37	37	0		6.50	AD	FS	FS	No
2008	pH	1905_02	Remainder of segment	7	7	0		6.50	LD	NC	NC	No

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### General Use

#### Nutrient Screening Levels

2008	Ammonia	1905_01	From lower end of segment to RR 470, upstream of Bandera	33	33	0	0.33	AD	NC	NC		No
2008	Ammonia	1905_02	Remainder of segment	5	5	0	0.33	LD	NC	NC		No
2006	Chlorophyll-a	1905_01	From lower end of segment to RR 470, upstream of Bandera	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1905_02	Remainder of segment	0	0		14.10	ID	NA	NA		No
2008	Nitrate	1905_01	From lower end of segment to RR 470, upstream of Bandera	34	34	0	1.95	AD	NC	NC		No
2008	Nitrate	1905_02	Remainder of segment	5	5	0	1.95	LD	NC	NC		No
2008	Orthophosphorus	1905_01	From lower end of segment to RR 470, upstream of Bandera	19	19	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1905_02	Remainder of segment	5	5	0	0.37	LD	NC	NC		No
2008	Total Phosphorus	1905_01	From lower end of segment to RR 470, upstream of Bandera	34	34	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1905_02	Remainder of segment	5	5	0	0.69	LD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1905_01	From lower end of segment to RR 470, upstream of Bandera	41	41	0	31.10	AD	FS	FS		No
2008	Temperature	1905_02	Remainder of segment	7	7	0	31.10	LD	NC	NC		No

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**Water body size:** 34 Miles

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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Chloride	1905_01	From lower end of segment to RR 470, upstream of Bandera					OE	NC	NC		No
2008	Chloride	1905_02	Remainder of segment					OE	NC	NC		No
2008	Sulfate	1905_01	From lower end of segment to RR 470, upstream of Bandera					OE	NC	NC		No
2008	Sulfate	1905_02	Remainder of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1905_01	From lower end of segment to RR 470, upstream of Bandera					OE	NC	NC		No
2008	Total Dissolved Solids	1905_02	Remainder of segment					OE	NC	NC		No

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

2008	Multiple	1905_01	From lower end of segment to RR 470, upstream of Bandera					OE	FS	FS		No
2008	Multiple	1905_02	Remainder of segment					OE	FS	FS		No

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

2008	Multiple	1905_01	From lower end of segment to RR 470, upstream of Bandera					OE	NC	NC		No
2008	Multiple	1905_02	Remainder of segment					OE	NC	NC		No

#### **Increased cost for treatment**

2006	Demineralization	1905_01	From lower end of segment to RR 470, upstream of Bandera					OE	NC	NC		No
2006	Demineralization	1905_02	Remainder of segment					OE	NC	NC		No
2006	Taste and Odor	1905_01	From lower end of segment to RR 470, upstream of Bandera					OE	NC	NC		No



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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

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

2006	Multiple	1905_01	From lower end of segment to RR 470, upstream of Bandera	4	4			LD	NC	NC		No
2006	Multiple	1905_02	Remainder of segment	4	4			LD	NC	NC		No
2006	Nitrate	1905_01	From lower end of segment to RR 470, upstream of Bandera	30	30	0.47	10.00	AD	FS	FS		No
2006	Nitrate	1905_02	Remainder of segment	30	30	0.47	10.00	AD	FS	FS		No

##### Surface Water Toxic Substances average concern

2006	Alachlor	1905_01	From lower end of segment to RR 470, upstream of Bandera	0	0			ID	NA	NA		No
2006	Alachlor	1905_02	Remainder of segment	0	0			ID	NA	NA		No
2006	Atrazine	1905_01	From lower end of segment to RR 470, upstream of Bandera					ID	NA	NA		No
2006	Atrazine	1905_02	Remainder of segment					ID	NA	NA		No
2006	MTBE	1905_01	From lower end of segment to RR 470, upstream of Bandera	0	0			ID	NA	NA		No
2006	MTBE	1905_02	Remainder of segment	0	0			ID	NA	NA		No
2006	Perchlorate	1905_01	From lower end of segment to RR 470, upstream of Bandera	0	0			ID	NA	NA		No
2006	Perchlorate	1905_02	Remainder of segment	0	0			ID	NA	NA		No

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<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1905_01	From lower end of segment to RR 470, upstream of Bandera	30	30	0	33.47	126.00	AD	FS	FS	No
2008	E. coli	1905_02	Remainder of segment	2	2	0	48.00	126.00	ID	NA	NA	No
2008	Fecal coliform	1905_01	From lower end of segment to RR 470, upstream of Bandera	23	23	0	45.39	200.00	AD	FS	FS	No
2008	Fecal coliform	1905_02	Remainder of segment	2	2	0	67.41	200.00	ID	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1905_01	From lower end of segment to RR 470, upstream of Bandera	30	30	1		394.00	AD	FS	FS	No
2008	E. coli	1905_02	Remainder of segment	2	2	0		394.00	ID	NA	NA	No
2008	Fecal coliform	1905_01	From lower end of segment to RR 470, upstream of Bandera	23	23	1		400.00	AD	FS	FS	No
2008	Fecal coliform	1905_02	Remainder of segment	2	2	0		400.00	ID	NA	NA	No

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 Miles

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### Aquatic Life Use

#### Acute Toxic Substances in water

2006	Multiple	1906_01	Lower 3 miles of segment	3	3	0		ID	NA	NA		No
2006	Multiple	1906_03	From confluence with Indian Creek to Hwy 353	15	15	0		AD	FS	FS		No
2006	Multiple	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	15	15	0		AD	FS	FS		No

#### Chronic Toxic Substances in water

2006	Multiple	1906_01	Lower 3 miles of segment	3	3			ID	NA	NA		No
2006	Multiple	1906_03	From confluence with Indian Creek to Hwy 353	15	15			AD	FS	FS		No
2006	Multiple	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	15	15			AD	FS	FS		No

#### Dissolved Oxygen 24hr average

2008	Dissolved Oxygen 24hr Avg	1906_01	Lower 3 miles of segment	15	15	0	5.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Avg	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1906_03	From confluence with Indian Creek to Hwy 353	13	13	1	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	1906_04	From Hwy 353 to two miles upstream	1	1	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	4	4	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1906_06	Remainder of segment	13	13	1	5.00	AD	FS	FS		No

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**Water body type:** Freshwater Stream

**Water body size:** 32 Miles

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<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1906_01	Lower 3 miles of segment	15	15	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Min	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1906_03	From confluence with Indian Creek to Hwy 353	13	13	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	1906_04	From Hwy 353 to two miles upstream	1	1	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	4	4	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1906_06	Remainder of segment	13	13	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1906_01	Lower 3 miles of segment	60	60	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	0	3.00	ID	NA	NS	5c	Yes
2008	Dissolved Oxygen Grab	1906_03	From confluence with Indian Creek to Hwy 353	41	41	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1906_04	From Hwy 353 to two miles upstream	7	7	0	3.00	LD	NC	NS	5c	Yes
2008	Dissolved Oxygen Grab	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	31	31	0	3.00	AD	FS	NS	5c	Yes
2008	Dissolved Oxygen Grab	1906_06	Remainder of segment	20	20	0	3.00	SM	FS	FS		No

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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 screening level</b>												
2008	Dissolved Oxygen Grab	1906_01	Lower 3 miles of segment	60	60	2		5.00	SM	NC	NC	No
2008	Dissolved Oxygen Grab	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	0		5.00	ID	NA	NA	No
2008	Dissolved Oxygen Grab	1906_03	From confluence with Indian Creek to Hwy 353	41	41	2		5.00	SM	NC	NC	No
2008	Dissolved Oxygen Grab	1906_04	From Hwy 353 to two miles upstream	7	7	0		5.00	LD	NC	NC	No
2008	Dissolved Oxygen Grab	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	31	31	7		5.00	AD	CS	CS	No
2008	Dissolved Oxygen Grab	1906_06	Remainder of segment	20	20	2		5.00	SM	NC	NC	No
<b>Fish Community</b>												
2008	Fish Community	1906_06	Remainder of segment	3	3	2	38.67	41.00	JQ	CN	CN	No
<b>Habitat</b>												
2008	Habitat	1906_01	Lower 3 miles of segment	6	6	3	20.80	20.00	JQ	NC	NC	No
2008	Habitat	1906_06	Remainder of segment	3	3	2	17.00	20.00	JQ	CS	CS	No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	1906_01	Lower 3 miles of segment	0	0			29.00	ID	NA	NA	No
2008	Macrobenthic Community	1906_06	Remainder of segment	0	0			29.00	ID	NA	NA	No
<b>Toxic Substances in sediment</b>												
2006	Silver	1906_01	Lower 3 miles of segment	14	14	5		2.20	AD	CS	CS	No
2006	Silver	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	14	14	5		2.20	AD	CS	CS	No
2006	Silver	1906_03	From confluence with Indian Creek to Hwy 353	14	14	5		2.20	AD	CS	CS	No
2006	Silver	1906_04	From Hwy 353 to two miles upstream	14	14	5		2.20	AD	CS	CS	No
2006	Silver	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	14	14	5		2.20	AD	CS	CS	No
2006	Silver	1906_06	Remainder of segment	14	14	5		2.20	AD	CS	CS	No

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### Segment ID: 1906 Lower Leon Creek

**Water body type:** Freshwater Stream

**Water body size:** 32 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	Multiple	1906_01	Lower 3 miles of segment	0	0			ID	NA	NA		No
2006	Multiple	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	0	0			ID	NA	NA		No
2006	Multiple	1906_03	From confluence with Indian Creek to Hwy 353	0	0			ID	NA	NA		No
2006	Multiple	1906_04	From Hwy 353 to two miles upstream	0	0			ID	NA	NA		No
2006	Multiple	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	0	0			ID	NA	NA		No
2006	Multiple	1906_06	Remainder of segment	0	0			ID	NA	NA		No
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	PCBs	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90					OE	NS	NS	5a	No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1906_01	Lower 3 miles of segment	57	57			AD	FS	FS		No
2006	Multiple	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	57	57			AD	FS	FS		No
2006	Multiple	1906_03	From confluence with Indian Creek to Hwy 353	57	57			AD	FS	FS		No
2006	Multiple	1906_04	From Hwy 353 to two miles upstream	57	57			AD	FS	FS		No
2006	Multiple	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	57	57			AD	FS	FS		No
2006	Multiple	1906_06	Remainder of segment	57	57			AD	FS	FS		No

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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	1906_01	Lower 3 miles of segment	153	153	52.81	120.00	AD	FS	FS		No
2008	Chloride	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	153	153	52.81	120.00	AD	FS	FS		No
2008	Chloride	1906_03	From confluence with Indian Creek to Hwy 353	153	153	52.81	120.00	AD	FS	FS		No
2008	Chloride	1906_04	From Hwy 353 to two miles upstream	153	153	52.81	120.00	AD	FS	FS		No
2008	Chloride	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	153	153	52.81	120.00	AD	FS	FS		No
2008	Chloride	1906_06	Remainder of segment	153	153	52.81	120.00	AD	FS	FS		No
2008	Sulfate	1906_01	Lower 3 miles of segment	146	146	79.16	120.00	AD	FS	FS		No
2008	Sulfate	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	146	146	79.16	120.00	AD	FS	FS		No
2008	Sulfate	1906_03	From confluence with Indian Creek to Hwy 353	146	146	79.16	120.00	AD	FS	FS		No
2008	Sulfate	1906_04	From Hwy 353 to two miles upstream	146	146	79.16	120.00	AD	FS	FS		No
2008	Sulfate	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	146	146	79.16	120.00	AD	FS	FS		No
2008	Sulfate	1906_06	Remainder of segment	146	146	79.16	120.00	AD	FS	FS		No
2008	Total Dissolved Solids	1906_01	Lower 3 miles of segment	168	168	493.74	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	168	168	493.74	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1906_03	From confluence with Indian Creek to Hwy 353	168	168	493.74	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1906_04	From Hwy 353 to two miles upstream	168	168	493.74	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	168	168	493.74	700.00	AD	FS	FS		No
2008	Total Dissolved Solids	1906_06	Remainder of segment	168	168	493.74	700.00	AD	FS	FS		No

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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	1906_01	Lower 3 miles of segment	63	63	0	9.00	AD	FS	FS		No
2008	pH	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	0	9.00	ID	NA	NA		No
2008	pH	1906_03	From confluence with Indian Creek to Hwy 353	42	42	0	9.00	AD	FS	FS		No
2008	pH	1906_04	From Hwy 353 to two miles upstream	7	7	0	9.00	LD	NC	NC		No
2008	pH	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	31	31	0	9.00	AD	FS	FS		No
2008	pH	1906_06	Remainder of segment	20	20	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	1906_01	Lower 3 miles of segment	63	63	0	6.50	AD	FS	FS		No
2008	pH	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	0	6.50	ID	NA	NA		No
2008	pH	1906_03	From confluence with Indian Creek to Hwy 353	42	42	1	6.50	AD	FS	FS		No
2008	pH	1906_04	From Hwy 353 to two miles upstream	7	7	0	6.50	LD	NC	NC		No
2008	pH	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	31	31	2	6.50	AD	FS	FS		No
2008	pH	1906_06	Remainder of segment	20	20	0	6.50	AD	FS	FS		No



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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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	1906_01	Lower 3 miles of segment	57	57	8	0.33	AD	NC	NC		No
2008	Ammonia	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	3	1	0.33	ID	NA	NA		No
2008	Ammonia	1906_03	From confluence with Indian Creek to Hwy 353	37	37	7	0.33	AD	NC	NC		No
2008	Ammonia	1906_04	From Hwy 353 to two miles upstream	5	5	0	0.33	LD	NC	NC		No
2008	Ammonia	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	26	26	1	0.33	AD	NC	NC		No
2008	Ammonia	1906_06	Remainder of segment	18	18	7	0.33	AD	CS	CS		No
2008	Chlorophyll-a	1906_01	Lower 3 miles of segment	11	11	0	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	0	0		14.10	ID	NA	NA		No
2008	Chlorophyll-a	1906_03	From confluence with Indian Creek to Hwy 353	38	38	1	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1906_04	From Hwy 353 to two miles upstream	0	0		14.10	ID	NA	NA		No
2008	Chlorophyll-a	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	26	26	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1906_06	Remainder of segment	12	12	0	14.10	AD	NC	NC		No
2008	Nitrate	1906_01	Lower 3 miles of segment	57	57	18	1.95	AD	CS	CS		No
2008	Nitrate	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	0	1.95	ID	NA	NA		No
2008	Nitrate	1906_03	From confluence with Indian Creek to Hwy 353	37	37	2	1.95	AD	NC	NC		No
2008	Nitrate	1906_04	From Hwy 353 to two miles upstream	5	5	0	1.95	LD	NC	NC		No
2008	Nitrate	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	27	27	4	1.95	AD	NC	NC		No
2008	Nitrate	1906_06	Remainder of segment	17	17	1	1.95	AD	NC	NC		No

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### Segment ID: 1906 Lower Leon Creek

**Water body type:** Freshwater Stream

**Water body size:** 32 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	1906_01	Lower 3 miles of segment	29	29	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	0	0.37	ID	NA	NA		No
2008	Orthophosphorus	1906_03	From confluence with Indian Creek to Hwy 353	38	38	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1906_04	From Hwy 353 to two miles upstream	5	5	0	0.37	LD	NC	NC		No
2008	Orthophosphorus	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	26	26	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1906_06	Remainder of segment	18	18	1	0.37	AD	NC	NC		No
2008	Total Phosphorus	1906_01	Lower 3 miles of segment	56	56	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	3	3	0	0.69	ID	NA	NA		No
2008	Total Phosphorus	1906_03	From confluence with Indian Creek to Hwy 353	35	35	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1906_04	From Hwy 353 to two miles upstream	5	5	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	27	27	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1906_06	Remainder of segment	16	16	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	1906_01	Lower 3 miles of segment	64	64	0	35.00	AD	FS	FS		No
2008	Temperature	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	0	35.00	ID	NA	NA		No
2008	Temperature	1906_03	From confluence with Indian Creek to Hwy 353	43	43	0	35.00	AD	FS	FS		No
2008	Temperature	1906_04	From Hwy 353 to two miles upstream	7	7	0	35.00	LD	NC	NC		No
2008	Temperature	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	31	31	0	35.00	AD	FS	FS		No
2008	Temperature	1906_06	Remainder of segment	20	20	0	35.00	AD	FS	FS		No

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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	1906_01	Lower 3 miles of segment					OE	NC	NC		No
2008	Chloride	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek					OE	NC	NC		No
2008	Chloride	1906_03	From confluence with Indian Creek to Hwy 353					OE	NC	NC		No
2008	Chloride	1906_04	From Hwy 353 to two miles upstream					OE	NC	NC		No
2008	Chloride	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90					OE	NC	NC		No
2008	Chloride	1906_06	Remainder of segment					OE	NC	NC		No
2008	Sulfate	1906_01	Lower 3 miles of segment					OE	NC	NC		No
2008	Sulfate	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek					OE	NC	NC		No
2008	Sulfate	1906_03	From confluence with Indian Creek to Hwy 353					OE	NC	NC		No
2008	Sulfate	1906_04	From Hwy 353 to two miles upstream					OE	NC	NC		No
2008	Sulfate	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90					OE	NC	NC		No
2008	Sulfate	1906_06	Remainder of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1906_01	Lower 3 miles of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek					OE	NC	NC		No
2008	Total Dissolved Solids	1906_03	From confluence with Indian Creek to Hwy 353					OE	NC	NC		No
2008	Total Dissolved Solids	1906_04	From Hwy 353 to two miles upstream					OE	NC	NC		No
2008	Total Dissolved Solids	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90					OE	NC	NC		No
2008	Total Dissolved Solids	1906_06	Remainder of segment					OE	NC	NC		No

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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	1906_01	Lower 3 miles of segment					OE	FS	FS		No
2008	Multiple	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek					OE	FS	FS		No
2008	Multiple	1906_03	From confluence with Indian Creek to Hwy 353					OE	FS	FS		No
2008	Multiple	1906_04	From Hwy 353 to two miles upstream					OE	FS	FS		No
2008	Multiple	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90					OE	FS	FS		No
2008	Multiple	1906_06	Remainder of segment					OE	FS	FS		No

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

2008	Multiple	1906_01	Lower 3 miles of segment					OE	NC	NC		No
2008	Multiple	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek					OE	NC	NC		No
2008	Multiple	1906_03	From confluence with Indian Creek to Hwy 353					OE	NC	NC		No
2008	Multiple	1906_04	From Hwy 353 to two miles upstream					OE	NC	NC		No
2008	Multiple	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90					OE	NC	NC		No
2008	Multiple	1906_06	Remainder of segment					OE	NC	NC		No

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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

#### Increased cost for treatment

2006	Demineralization	1906_01	Lower 3 miles of segment					OE	NC	NC		No
2006	Demineralization	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek					OE	NC	NC		No
2006	Demineralization	1906_03	From confluence with Indian Creek to Hwy 353					OE	NC	NC		No
2006	Demineralization	1906_04	From Hwy 353 to two miles upstream					OE	NC	NC		No
2006	Demineralization	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90					OE	NC	NC		No
2006	Demineralization	1906_06	Remainder of segment					OE	NC	NC		No
2006	Taste and Odor	1906_01	Lower 3 miles of segment					OE	NC	NC		No
2006	Taste and Odor	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek					OE	NC	NC		No
2006	Taste and Odor	1906_03	From confluence with Indian Creek to Hwy 353					OE	NC	NC		No
2006	Taste and Odor	1906_04	From Hwy 353 to two miles upstream					OE	NC	NC		No
2006	Taste and Odor	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90					OE	NC	NC		No
2006	Taste and Odor	1906_06	Remainder of segment					OE	NC	NC		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:** 1906 Lower Leon Creek

**Water body type:** Freshwater Stream

**Water body size:** 32 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	1906_01	Lower 3 miles of segment	57	57			AD	FS	FS		No
2006	Multiple	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	57	57			AD	FS	FS		No
2006	Multiple	1906_03	From confluence with Indian Creek to Hwy 353	57	57			AD	FS	FS		No
2006	Multiple	1906_04	From Hwy 353 to two miles upstream	57	57			AD	FS	FS		No
2006	Multiple	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	57	57			AD	FS	FS		No
2006	Multiple	1906_06	Remainder of segment	57	57			AD	FS	FS		No

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

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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>Surface Water Toxic Substances average concern</b>												
2006	Alachlor	1906_01	Lower 3 miles of segment	0	0			ID	NA	NA		No
2006	Alachlor	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	0	0			ID	NA	NA		No
2006	Alachlor	1906_03	From confluence with Indian Creek to Hwy 353	0	0			ID	NA	NA		No
2006	Alachlor	1906_04	From Hwy 353 to two miles upstream	0	0			ID	NA	NA		No
2006	Alachlor	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	0	0			ID	NA	NA		No
2006	Alachlor	1906_06	Remainder of segment	0	0			ID	NA	NA		No
2006	Atrazine	1906_01	Lower 3 miles of segment	0	0			ID	NA	NA		No
2006	Atrazine	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	0	0			ID	NA	NA		No
2006	Atrazine	1906_03	From confluence with Indian Creek to Hwy 353	0	0			ID	NA	NA		No
2006	Atrazine	1906_04	From Hwy 353 to two miles upstream	0	0			ID	NA	NA		No
2006	Atrazine	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	0	0			ID	NA	NA		No
2006	Atrazine	1906_06	Remainder of segment	0	0			ID	NA	NA		No
2006	MTBE	1906_01	Lower 3 miles of segment	0	0			ID	NA	NA		No
2006	MTBE	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	0	0			ID	NA	NA		No
2006	MTBE	1906_03	From confluence with Indian Creek to Hwy 353	0	0			ID	NA	NA		No
2006	MTBE	1906_04	From Hwy 353 to two miles upstream	0	0			ID	NA	NA		No
2006	MTBE	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	0	0			ID	NA	NA		No
2006	MTBE	1906_06	Remainder of segment	0	0			ID	NA	NA		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:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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 Toxic Substances average concern**

2006	Perchlorate	1906_01	Lower 3 miles of segment	0	0			ID	NA	NA		No
2006	Perchlorate	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	0	0			ID	NA	NA		No
2006	Perchlorate	1906_03	From confluence with Indian Creek to Hwy 353	0	0			ID	NA	NA		No
2006	Perchlorate	1906_04	From Hwy 353 to two miles upstream	0	0			ID	NA	NA		No
2006	Perchlorate	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	0	0			ID	NA	NA		No
2006	Perchlorate	1906_06	Remainder of segment	0	0			ID	NA	NA		No



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

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### Segment ID: 1906 Lower Leon Creek

**Water body type:** Freshwater Stream

**Water body size:** 32 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	1906_01	Lower 3 miles of segment	54	54	0	43.39	126.00	AD	FS	FS		No
2008	E. coli	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	1	4,440.72	126.00	ID	NA	NA		No
2008	E. coli	1906_03	From confluence with Indian Creek to Hwy 353	32	32	0	71.20	126.00	AD	FS	FS		No
2008	E. coli	1906_04	From Hwy 353 to two miles upstream	5	5	1	213.69	126.00	LD	CN	CN		No
2008	E. coli	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	22	22	0	65.65	126.00	AD	FS	FS		No
2008	E. coli	1906_06	Remainder of segment	18	18	1	158.07	126.00	AD	NS	NS	5a	No
2008	Fecal coliform	1906_01	Lower 3 miles of segment	43	43	0	86.42	200.00	AD	FS	FS		No
2008	Fecal coliform	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	1	8,824.96	200.00	ID	NA	NA		No
2008	Fecal coliform	1906_03	From confluence with Indian Creek to Hwy 353	21	21	1	210.10	200.00	SM	NA	NA		No
2008	Fecal coliform	1906_04	From Hwy 353 to two miles upstream	5	5	1	370.81	200.00	LD	CN	NS	5a	Yes
2008	Fecal coliform	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	11	11	0	151.96	200.00	SM	NA	NA		No
2008	Fecal coliform	1906_06	Remainder of segment	16	16	1	280.70	200.00	SM	NA	NA		No

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**Segment ID:** 1906      **Lower Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 32 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 Single Sample</b>												
2008	E. coli	1906_01	Lower 3 miles of segment	54	54	6	394.00	AD	FS	FS		No
2008	E. coli	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	1	394.00	ID	NA	NA		No
2008	E. coli	1906_03	From confluence with Indian Creek to Hwy 353	32	32	2	394.00	AD	FS	FS		No
2008	E. coli	1906_04	From Hwy 353 to two miles upstream	5	5	2	394.00	LD	NC	NC		No
2008	E. coli	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	22	22	1	394.00	AD	FS	FS		No
2008	E. coli	1906_06	Remainder of segment	18	18	5	394.00	AD	FS	FS		No
2008	Fecal coliform	1906_01	Lower 3 miles of segment	43	43	8	400.00	AD	FS	FS		No
2008	Fecal coliform	1906_02	From 3 miles upstream lower end of segment to confluence with Indian Creek	2	2	2	400.00	ID	NA	NA		No
2008	Fecal coliform	1906_03	From confluence with Indian Creek to Hwy 353	21	21	4	400.00	SM	NA	NA		No
2008	Fecal coliform	1906_04	From Hwy 353 to two miles upstream	5	5	2	400.00	LD	NC	NC		No
2008	Fecal coliform	1906_05	From 2 miles upstream of Hwy 353 to Hwy 90	11	11	4	400.00	SM	NA	NA		No
2008	Fecal coliform	1906_06	Remainder of segment	16	16	8	400.00	SM	NA	NA		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:** 1907 Upper Leon Creek

**Water body type:** Freshwater Stream

**Water body size:** 25 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 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1907_01	Entire segment	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1907_01	Entire segment	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1907_01	Entire segment	21	17	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1907_01	Entire segment	21	17	0	5.00	AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Arsenic	1907_01	Entire segment	0	0			ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1907_01	Entire segment	0	0			ID	NA	NA		No

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**Segment ID:** 1907      **Upper Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 25 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	1907_01	Entire segment	16	16		27.39	55.00	AD	FS	FS	No
2008	Sulfate	1907_01	Entire segment	16	16		39.98	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	1907_01	Entire segment	22	22		377.63	550.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1907_01	Entire segment	21	21	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	1907_01	Entire segment	21	21	0		6.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1907_01	Entire segment	15	15	0		0.33	AD	NC	NC	No
2008	Chlorophyll-a	1907_01	Entire segment	10	10	1		14.10	AD	NC	NC	No
2008	Nitrate	1907_01	Entire segment	16	16	1		1.95	AD	NC	NC	No
2008	Orthophosphorus	1907_01	Entire segment	16	16	0		0.37	AD	NC	NC	No
2008	Total Phosphorus	1907_01	Entire segment	16	16	0		0.69	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	1907_01	Entire segment	21	21	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:** 1907      **Upper Leon Creek**

**Water body type:** Freshwater Stream

**Water body size:** 25 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	1907_01	Entire segment					OE	NC	NC		No
2008	Sulfate	1907_01	Entire segment					OE	NC	NC		No
2008	Total Dissolved Solids	1907_01	Entire segment					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1907_01	Entire segment					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1907_01	Entire segment					OE	NC	NC		No
<b>Increased cost for treatment</b>												
2006	Demineralization	1907_01	Entire segment					OE	NC	NC		No
2006	Taste and Odor	1907_01	Entire segment					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	1907_01	Entire segment	4	4		0.16	4,000.00	LD	NC	NC	No
2006	Nitrate	1907_01	Entire segment	12	12		0.77	10.00	AD	FS	FS	No
<b>Surface Water Toxic Substances average concern</b>												
2006	Alachlor	1907_01	Entire segment	0	0			ID	NA	NA		No
2006	Atrazine	1907_01	Entire segment	0	0			ID	NA	NA		No
2006	MTBE	1907_01	Entire segment	0	0			ID	NA	NA		No
2006	Perchlorate	1907_01	Entire segment	0	0			ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1907_01	Entire segment	14	14	0	58.84	126.00	AD	FS	FS	No
2008	Fecal coliform	1907_01	Entire segment	11	11	1	281.64	200.00	SM	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1907_01	Entire segment	14	14	3		394.00	AD	FS	FS	No
2008	Fecal coliform	1907_01	Entire segment	11	11	4		400.00	SM	NA	NA	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:** 1908      **Upper Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 66 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>Acute Toxic Substances in water</b>												
2006	Multiple	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	2	2	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	2	2			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	19	19	0	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	14	14	0	5.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Avg	1908_03	Lower 43 miles of segment	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	19	19	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	14	14	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Min	1908_03	Lower 43 miles of segment	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	52	52	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	14	14	0	3.00	SM	FS	FS		No
2006	Dissolved Oxygen Grab	1908_03	Lower 43 miles of segment	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	52	52	3	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	14	14	1	5.00	SM	NC	NC		No
2006	Dissolved Oxygen Grab	1908_03	Lower 43 miles of segment	0	0		5.00	ID	NA	NA		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: 1908 Upper Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 66 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>Fish Community</b>												
2008	Fish Community	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	4	4	1	42.00	AD	FS	FS		No
<b>Habitat</b>												
2008	Habitat	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	4	4	3	17.50	AD	CS	CS		No
<b>Macroinvertebrate Community</b>												
2008	Macroinvertebrate Community	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	0	0		20.00	ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	0	0			ID	NA	NA		No
2006	Multiple	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	0	0			ID	NA	NA		No
2006	Multiple	1908_03	Lower 43 miles of segment	0	0			ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	2	2			ID	NA	NA		No
2006	Multiple	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	2	2			ID	NA	NA		No
2006	Multiple	1908_03	Lower 43 miles of segment	2	2			ID	NA	NA		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:** 1908      **Upper Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 66 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

#### Dissolved Solids

2008	Chloride	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	67	67		31.45	50.00	AD	FS	FS	No
2008	Chloride	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	67	67		31.45	50.00	AD	FS	FS	No
2008	Chloride	1908_03	Lower 43 miles of segment	67	67		31.45	50.00	AD	FS	FS	No
2008	Sulfate	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	65	65		34.61	100.00	AD	FS	FS	No
2008	Sulfate	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	65	65		34.61	100.00	AD	FS	FS	No
2008	Sulfate	1908_03	Lower 43 miles of segment	65	65		34.61	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	72	72		354.71	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	72	72		354.71	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1908_03	Lower 43 miles of segment	72	72		354.71	600.00	AD	FS	FS	No

#### High pH

2008	pH	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	53	53	0		9.00	AD	FS	FS	No
2008	pH	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	16	16	0		9.00	AD	FS	FS	No
2006	pH	1908_03	Lower 43 miles of segment	0	0			9.00	ID	NA	NA	No

#### Low pH

2008	pH	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	53	53	2		6.50	AD	FS	FS	No
2008	pH	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	16	16	0		6.50	AD	FS	FS	No
2006	pH	1908_03	Lower 43 miles of segment	0	0			6.50	ID	NA	NA	No



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

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**Segment ID:** 1908      **Upper Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 66 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	Ammonia	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	49	49	9	0.33	AD	NC	NC		No
2008	Ammonia	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	15	15	8	0.33	AD	CS	CS		No
2006	Ammonia	1908_03	Lower 43 miles of segment	0	0		0.33	ID	NA	NA		No
2008	Chlorophyll-a	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	39	39	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	15	15	0	14.10	AD	NC	NC		No
2006	Chlorophyll-a	1908_03	Lower 43 miles of segment	0	0		14.10	ID	NA	NA		No
2008	Nitrate	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	48	48	2	1.95	AD	NC	NC		No
2008	Nitrate	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	14	14	0	1.95	AD	NC	NC		No
2006	Nitrate	1908_03	Lower 43 miles of segment	0	0		1.95	ID	NA	NA		No
2008	Orthophosphorus	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	49	49	16	0.37	AD	CS	CS		No
2008	Orthophosphorus	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	15	15	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	1908_03	Lower 43 miles of segment	0	0		0.37	ID	NA	NA		No
2008	Total Phosphorus	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	48	48	8	0.69	AD	NC	NC		No
2008	Total Phosphorus	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	13	13	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	1908_03	Lower 43 miles of segment	0	0		0.69	ID	NA	NA		No

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

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**Segment ID:** 1908 Upper Cibolo Creek

**Water body type:** Freshwater Stream

**Water body size:** 66 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

#### Water Temperature

2008	Temperature	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	54	54	0	32.20	AD	FS	FS		No
2008	Temperature	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	19	19	0	32.20	AD	FS	FS		No
2006	Temperature	1908_03	Lower 43 miles of segment	0	0		32.22	ID	NA	NA		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:** 1908      **Upper Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 66 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	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne					OE	NC	NC		No
2008	Chloride	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment					OE	NC	NC		No
2008	Chloride	1908_03	Lower 43 miles of segment					OE	NC	NC		No
2008	Sulfate	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne					OE	NC	NC		No
2008	Sulfate	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment					OE	NC	NC		No
2008	Sulfate	1908_03	Lower 43 miles of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne					OE	NC	NC		No
2008	Total Dissolved Solids	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1908_03	Lower 43 miles of segment					OE	NC	NC		No

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

2008	Multiple	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne					OE	FS	FS		No
2008	Multiple	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment					OE	FS	FS		No
2008	Multiple	1908_03	Lower 43 miles of segment					OE	FS	FS		No

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

2008	Multiple	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne					OE	NC	NC		No
2008	Multiple	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment					OE	NC	NC		No
2008	Multiple	1908_03	Lower 43 miles of segment					OE	NC	NC		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:** 1908      **Upper Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 66 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

#### Increased cost for treatment

2006	Demineralization	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne					OE	NC	NC		No
2006	Demineralization	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment					OE	NC	NC		No
2006	Demineralization	1908_03	Lower 43 miles of segment					OE	NC	NC		No
2006	Taste and Odor	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne					OE	NC	NC		No
2006	Taste and Odor	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment					OE	NC	NC		No
2006	Taste and Odor	1908_03	Lower 43 miles of segment					OE	NC	NC		No

#### Surface Water HH criteria for PWS average

2006	Multiple	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	54	54			AD	FS	FS		No
2006	Multiple	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	54	54			AD	FS	FS		No
2006	Multiple	1908_03	Lower 43 miles of segment	54	54			AD	FS	FS		No

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**Segment ID:** 1908      **Upper Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 66 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 Toxic Substances average concern

2006	Alachlor	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	0	0			ID	NA	NA		No
2006	Alachlor	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	0	0			ID	NA	NA		No
2006	Alachlor	1908_03	Lower 43 miles of segment	0	0			ID	NA	NA		No
2006	Atrazine	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	0	0			ID	NA	NA		No
2006	Atrazine	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	0	0			ID	NA	NA		No
2006	Atrazine	1908_03	Lower 43 miles of segment	0	0			ID	NA	NA		No
2006	MTBE	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	0	0			ID	NA	NA		No
2006	MTBE	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	0	0			ID	NA	NA		No
2006	MTBE	1908_03	Lower 43 miles of segment	0	0			ID	NA	NA		No
2006	Perchlorate	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	0	0			ID	NA	NA		No
2006	Perchlorate	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	0	0			ID	NA	NA		No
2006	Perchlorate	1908_03	Lower 43 miles of segment	0	0			ID	NA	NA		No

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**Segment ID:** 1908      **Upper Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 66 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	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	38	38	0	116.67	126.00	AD	FS	FS		No
2008 E. coli	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	14	14	1	476.41	126.00	AD	NS	NS	5c	No
2006 E. coli	1908_03	Lower 43 miles of segment	0	0			126.00	ID	NA	NA		No
2008 Fecal coliform	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	25	25	0	162.69	200.00	SM	NA	NA		No
2008 Fecal coliform	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	5	5	1	1,307.47	200.00	SM	NA	NA		No
2006 Fecal coliform	1908_03	Lower 43 miles of segment	0	0			200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2008 E. coli	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	38	38	7		394.00	AD	FS	FS		No
2008 E. coli	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	14	14	8		394.00	AD	NS	NS	5c	No
2006 E. coli	1908_03	Lower 43 miles of segment	0	0			394.00	ID	NA	NA		No
2008 Fecal coliform	1908_01	From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	25	25	6		400.00	SM	NA	NA		No
2008 Fecal coliform	1908_02	From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment	5	5	3		400.00	SM	NA	NA		No
2006 Fecal coliform	1908_03	Lower 43 miles of segment	0	0			400.00	ID	NA	NA		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:** 1909 **Medina Diversion Lake**

**Water body type:** Reservoir

**Water body size:** 500 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>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1909_01	Entire segment	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1909_01	Entire segment	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1909_01	Entire segment	5	5	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1909_01	Entire segment	5	5	0	5.00	LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1909_01	Entire segment	0	0			ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1909_01	Entire segment	0	0			ID	NA	NA		No

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

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**Segment ID:** 1909 **Medina Diversion Lake**

**Water body type:** Reservoir

**Water body size:** 500 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>Dissolved Solids</b>												
2008	Chloride	1909_01	Entire segment	4	4		10.00	50.00	LD	NC	NC	No
2008	Sulfate	1909_01	Entire segment	4	4		39.50	75.00	LD	NC	NC	No
2008	Total Dissolved Solids	1909_01	Entire segment	7	7		263.61	400.00	LD	NC	NC	No
<b>High pH</b>												
2008	pH	1909_01	Entire segment	5	5	0		9.00	LD	NC	NC	No
<b>Low pH</b>												
2008	pH	1909_01	Entire segment	5	5	0		6.50	LD	NC	NC	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1909_01	Entire segment	4	4	0		0.11	LD	NC	NC	No
2008	Chlorophyll-a	1909_01	Entire segment	4	4	0		26.70	LD	NC	NC	No
2008	Nitrate	1909_01	Entire segment	4	4	0		0.37	LD	NC	NC	No
2008	Orthophosphorus	1909_01	Entire segment	4	4	0		0.05	LD	NC	NC	No
2008	Total Phosphorus	1909_01	Entire segment	4	4	0		0.20	LD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	1909_01	Entire segment	5	5	0		32.20	LD	NC	NC	No



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**Segment ID:** 1909 **Medina Diversion Lake**

**Water body type:** Reservoir

**Water body size:** 500 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>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Chloride	1909_01	Entire segment					OE	NC	NC		No
2008	Sulfate	1909_01	Entire segment					OE	NC	NC		No
2008	Total Dissolved Solids	1909_01	Entire segment					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	1909_01	Entire segment					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	1909_01	Entire segment					OE	NC	NC		No
<b>Increased cost for treatment</b>												
2006	Demineralization	1909_01	Entire segment					OE	NC	NC		No
2006	Taste and Odor	1909_01	Entire segment					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	1909_01	Entire segment	3	3			ID	NA	NA		No
<b>Surface Water Toxic Substances average concern</b>												
2006	Alachlor	1909_01	Entire segment	0	0			ID	NA	NA		No
2006	Atrazine	1909_01	Entire segment	0	0			ID	NA	NA		No
2006	MTBE	1909_01	Entire segment	0	0			ID	NA	NA		No
2006	Perchlorate	1909_01	Entire segment	0	0			ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1909_01	Entire segment	4	4	0	1.47	126.00	LD	NC	NC	No
2008	Fecal coliform	1909_01	Entire segment	2	2	0	3.87	200.00	ID	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1909_01	Entire segment	4	4	0		394.00	LD	NC	NC	No
2008	Fecal coliform	1909_01	Entire segment	2	2	0		400.00	ID	NA	NA	No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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>Acute Toxic Substances in water</b>												
2006	Multiple	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	4	4	0		LD	NC	NC		No
2006	Multiple	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	3	3			ID	NA	NA		No
2006	Multiple	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	1	1	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	4	4	0		LD	NC	NC		No
2006	Multiple	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	3	3			ID	NA	NA		No
2006	Multiple	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	1	1			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	8	8	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1910_02	From confluence with Rosillo Creek to Roland Road	1	1	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1910_03	From Roland Road to Rice Road	1	1	1	5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	1910_04	From Rice Road to IH 10	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	9	9	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	6	6	0	5.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Avg	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	0	0		5.00	ID	NA	NA		No

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**Segment ID: 1910 Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	8	8	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1910_02	From confluence with Rosillo Creek to Roland Road	1	1	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1910_03	From Roland Road to Rice Road	1	1	0	3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	1910_04	From Rice Road to IH 10	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	9	9	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	6	6	0	3.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Min	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	73	73	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1910_02	From confluence with Rosillo Creek to Roland Road	52	52	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1910_03	From Roland Road to Rice Road	13	13	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1910_04	From Rice Road to IH 10	0	0		3.00	ID	NA	NS	4a	Yes
2008	Dissolved Oxygen Grab	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	72	72	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	54	54	0	3.00	AD	FS	FS	4a	No
2008	Dissolved Oxygen Grab	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	10	10	3	3.00	AD	NS	NS	4a	Yes

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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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### Aquatic Life Use

#### **Dissolved Oxygen grab screening level**

2008	Dissolved Oxygen Grab	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	73	73	1		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1910_02	From confluence with Rosillo Creek to Roland Road	52	52	5		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1910_03	From Roland Road to Rice Road	13	13	7		5.00	AD	CS	CS	Yes
2006	Dissolved Oxygen Grab	1910_04	From Rice Road to IH 10	0	0			5.00	ID	NA	NA	No
2008	Dissolved Oxygen Grab	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	72	72	4		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	54	54	3		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	10	10	5		5.00	AD	CS	CS	No

#### **Fish Community**

2008	Fish Community	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	6	6	1	41.17	41.00	AD	FS	FS	No
2008	Fish Community	1910_02	From confluence with Rosillo Creek to Roland Road	1	1	1	37.00	41.00	LD	CN	CN	No
2008	Fish Community	1910_03	From Roland Road to Rice Road	4	4	3	38.00	41.00	AD	NS	NS	5b No
2008	Fish Community	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	5	5	5	35.80	41.00	JQ	CN	CN	No
2008	Fish Community	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	3	3	2	37.30	41.00	LD	CN	CN	No
2008	Fish Community	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	2	2	2	34.00	41.00	ID	NA	NS	5b Yes

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	
Aquatic Life Use													
Habitat													
2008	Habitat	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	6	6		21.70	20.00	AD	NC	NC	No	
2008	Habitat	1910_02	From confluence with Rosillo Creek to Roland Road	1	1		25.50	20.00	LD	NC	NC	No	
2008	Habitat	1910_03	From Roland Road to Rice Road	4	4	1	19.60	20.00	AD	NC	NC	No	
2008	Habitat	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	3	3		23.00	20.00	LD	NC	NC	No	
2008	Habitat	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	2	2	2	16.50	20.00	AD	CS	CS	No	
Macrobenthic Community													
2008	Macrobenthic Community	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	3	3		33.70	29.00	AD	FS	FS	No	
2008	Macrobenthic Community	1910_02	From confluence with Rosillo Creek to Roland Road	0	0	0		20.00	ID	NA	NA	No	
2008	Macrobenthic Community	1910_03	From Roland Road to Rice Road	3	3	2	28.30	29.00	AD	NS	NS	5b	No
2008	Macrobenthic Community	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	3	3	1	29.30	29.00	AD	FS	FS		No
2008	Macrobenthic Community	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	0	0			20.00	ID	NA	NA		No
2008	Macrobenthic Community	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	3	3	1	28.30	29.00	AD	NS	NS	5b	No

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**Water body type:** Freshwater Stream

**Water body size:** 44 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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### Aquatic Life Use

#### **Toxic Substances in sediment**

2006	Multiple	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	2	2	0		ID	NA	NA		No
2006	Multiple	1910_02	From confluence with Rosillo Creek to Roland Road	2	2	0		ID	NA	NA		No
2006	Multiple	1910_03	From Roland Road to Rice Road	2	2	0		ID	NA	NA		No
2006	Multiple	1910_04	From Rice Road to IH 10	2	2	0		ID	NA	NA		No
2006	Multiple	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	2	2			ID	NA	NA		No
2006	Multiple	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	2	2	0		ID	NA	NA		No
2006	Multiple	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	2	2	0		ID	NA	NA		No

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

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	Multiple	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	0	0			ID	NA	NA		No
2006	Multiple	1910_02	From confluence with Rosillo Creek to Roland Road	0	0			ID	NA	NA		No
2006	Multiple	1910_03	From Roland Road to Rice Road	0	0			ID	NA	NA		No
2006	Multiple	1910_04	From Rice Road to IH 10	0	0			ID	NA	NA		No
2006	Multiple	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	0	0			ID	NA	NA		No
2006	Multiple	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	0	0			ID	NA	NA		No
2006	Multiple	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	0	0			ID	NA	NA		No
2006	Multiple	1910_08	Remainder of segment	0	0			ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	42	42			AD	FS	FS		No
2006	Multiple	1910_02	From confluence with Rosillo Creek to Roland Road	42	42			AD	FS	FS		No
2006	Multiple	1910_03	From Roland Road to Rice Road	42	42			AD	FS	FS		No
2006	Multiple	1910_04	From Rice Road to IH 10	42	42			AD	FS	FS		No
2006	Multiple	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	42	42			AD	FS	FS		No
2006	Multiple	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	42	42			AD	FS	FS		No
2006	Multiple	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	42	42			AD	FS	FS		No

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Segment ID: 1910 Salado Creek

Water body type: Freshwater Stream Water body size: 44 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>Forward</u>
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General 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;  
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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:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	201	201	46.49	140.00	AD	FS	FS		No
2008	Chloride	1910_02	From confluence with Rosillo Creek to Roland Road	201	201	46.49	140.00	AD	FS	FS		No
2008	Chloride	1910_03	From Roland Road to Rice Road	201	201	46.49	140.00	AD	FS	FS		No
2008	Chloride	1910_04	From Rice Road to IH 10	201	201	46.49	140.00	AD	FS	FS		No
2008	Chloride	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	201	201	46.49	140.00	AD	FS	FS		No
2008	Chloride	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	201	201	46.49	140.00	AD	FS	FS		No
2008	Chloride	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	201	201	46.49	140.00	AD	FS	FS		No
2008	Chloride	1910_08	Remainder of segment	201	201	46.49	140.00	AD	FS	FS		No
2008	Sulfate	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	195	195	58.23	200.00	AD	FS	FS		No
2008	Sulfate	1910_02	From confluence with Rosillo Creek to Roland Road	195	195	58.23	200.00	AD	FS	FS		No
2008	Sulfate	1910_03	From Roland Road to Rice Road	195	195	58.23	200.00	AD	FS	FS		No
2008	Sulfate	1910_04	From Rice Road to IH 10	195	195	58.23	200.00	AD	FS	FS		No
2008	Sulfate	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	195	195	58.23	200.00	AD	FS	FS		No
2008	Sulfate	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	195	195	58.23	200.00	AD	FS	FS		No
2008	Sulfate	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	195	195	58.23	200.00	AD	FS	FS		No
2008	Sulfate	1910_08	Remainder of segment	195	195	58.23	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	284	284	458.13	600.00	AD	FS	FS		No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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

#### Dissolved Solids

2008	Total Dissolved Solids	1910_02	From confluence with Rosillo Creek to Roland Road	284	284		458.13	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1910_03	From Roland Road to Rice Road	284	284		458.13	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1910_04	From Rice Road to IH 10	284	284		458.13	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	284	284		458.13	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	284	284		458.13	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	284	284		458.13	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	1910_08	Remainder of segment	284	284		458.13	600.00	AD	FS	FS	No

#### High pH

2008	pH	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	74	74	0		9.00	AD	FS	FS	No
2008	pH	1910_02	From confluence with Rosillo Creek to Roland Road	57	57	0		9.00	AD	FS	FS	No
2008	pH	1910_03	From Roland Road to Rice Road	13	13	0		9.00	AD	FS	FS	No
2006	pH	1910_04	From Rice Road to IH 10	0	0			9.00	ID	NA	NA	No
2008	pH	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	72	72	0		9.00	AD	FS	FS	No
2008	pH	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	55	55	0		9.00	AD	FS	FS	No
2008	pH	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	10	10	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:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	74	74	0	6.50	AD	FS	FS		No
2008	pH	1910_02	From confluence with Rosillo Creek to Roland Road	57	57	1	6.50	AD	FS	FS		No
2008	pH	1910_03	From Roland Road to Rice Road	13	13	0	6.50	AD	FS	FS		No
2006	pH	1910_04	From Rice Road to IH 10	0	0		6.50	ID	NA	NA		No
2008	pH	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	72	72	0	6.50	AD	FS	FS		No
2008	pH	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	55	55	0	6.50	AD	FS	FS		No
2008	pH	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	10	10	0	6.50	AD	FS	FS		No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	59	59	0	0.33	AD	NC	NC		No
2008	Ammonia	1910_02	From confluence with Rosillo Creek to Roland Road	41	41	2	0.33	AD	NC	NC		No
2008	Ammonia	1910_03	From Roland Road to Rice Road	5	5	0	0.33	LD	NC	NC		No
2006	Ammonia	1910_04	From Rice Road to IH 10	0	0		0.33	ID	NA	NA		No
2008	Ammonia	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	51	51	1	0.33	AD	NC	NC		No
2008	Ammonia	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	37	37	0	0.33	AD	NC	NC		No
2008	Ammonia	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	2	2	1	0.33	ID	NA	NA		No
2006	Chlorophyll-a	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1910_02	From confluence with Rosillo Creek to Roland Road	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1910_03	From Roland Road to Rice Road	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1910_04	From Rice Road to IH 10	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	0	0		14.10	ID	NA	NA		No
2008	Nitrate	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	59	59	0	1.95	AD	NC	NC		No
2008	Nitrate	1910_02	From confluence with Rosillo Creek to Roland Road	47	47	1	1.95	AD	NC	NC		No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	Nitrate	1910_03	From Roland Road to Rice Road	5	5	0	1.95	LD	NC	NC		No
2006	Nitrate	1910_04	From Rice Road to IH 10	0	0		1.95	ID	NA	NA		No
2008	Nitrate	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	51	51	10	1.95	AD	NC	NC		No
2008	Nitrate	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	37	37	4	1.95	AD	NC	NC		No
2008	Nitrate	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	2	2	0	1.95	ID	NA	NA		No
2008	Orthophosphorus	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	18	18	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1910_02	From confluence with Rosillo Creek to Roland Road	43	43	2	0.37	AD	NC	NC		No
2006	Orthophosphorus	1910_03	From Roland Road to Rice Road	0	0		0.37	ID	NA	NA		No
2006	Orthophosphorus	1910_04	From Rice Road to IH 10	0	0		0.37	ID	NA	NA		No
2008	Orthophosphorus	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	32	32	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	14	14	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	2	2	1	0.37	ID	NA	NA		No
2008	Total Phosphorus	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	59	59	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1910_02	From confluence with Rosillo Creek to Roland Road	48	48	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1910_03	From Roland Road to Rice Road	5	5	0	0.69	LD	NC	NC		No
2006	Total Phosphorus	1910_04	From Rice Road to IH 10	0	0		0.69	ID	NA	NA		No
2008	Total Phosphorus	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	51	51	0	0.69	AD	NC	NC		No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	37	37	2	0.69	AD	NC	NC		No
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2008	Total Phosphorus	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	2	2	1	0.69	ID	NA	NA		No
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#### Water Temperature

2008	Temperature	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	74	74	0	32.20	AD	FS	FS		No
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2008	Temperature	1910_02	From confluence with Rosillo Creek to Roland Road	58	58	0	32.20	AD	FS	FS		No
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2008	Temperature	1910_03	From Roland Road to Rice Road	13	13	0	32.20	AD	FS	FS		No
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2006	Temperature	1910_04	From Rice Road to IH 10	0	0		32.22	ID	NA	NA		No
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2008	Temperature	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	72	72	0	32.20	AD	FS	FS		No
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2008	Temperature	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	55	55	0	32.20	AD	FS	FS		No
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2008	Temperature	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	11	11	0	32.20	AD	FS	FS		No
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Segment ID: 1910 Salado Creek

Water body type: Freshwater Stream Water body size: 44 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of</u> <u>Samples</u>	<u>#</u> <u>Assessed</u>	<u># of</u> <u>Exc</u>	<u>Mean of</u> <u>Assessed</u>	<u>Criteria</u>	<u>Dataset</u> <u>Qualifier</u>	<u>2008</u> <u>Supp</u>	<u>Integ</u> <u>Supp</u>	<u>Imp</u> <u>Category</u>	<u>Carry</u> <u>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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**Water body type:** Freshwater Stream

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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

#### **Finished Drinking Water Dissolved Solids average**

2008	Chloride	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek					OE	NC	NC		No
2008	Chloride	1910_02	From confluence with Rosillo Creek to Roland Road					OE	NC	NC		No
2008	Chloride	1910_03	From Roland Road to Rice Road					OE	NC	NC		No
2008	Chloride	1910_04	From Rice Road to IH 10					OE	NC	NC		No
2008	Chloride	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35					OE	NC	NC		No
2008	Chloride	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368					OE	NC	NC		No
2008	Chloride	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410					OE	NC	NC		No
2008	Chloride	1910_08	Remainder of segment					OE	NC	NC		No
2008	Sulfate	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek					OE	NC	NC		No
2008	Sulfate	1910_02	From confluence with Rosillo Creek to Roland Road					OE	NC	NC		No
2008	Sulfate	1910_03	From Roland Road to Rice Road					OE	NC	NC		No
2008	Sulfate	1910_04	From Rice Road to IH 10					OE	NC	NC		No
2008	Sulfate	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35					OE	NC	NC		No
2008	Sulfate	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368					OE	NC	NC		No
2008	Sulfate	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410					OE	NC	NC		No
2008	Sulfate	1910_08	Remainder of segment					OE	NC	NC		No
2008	Total Dissolved Solids	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek					OE	NC	NC		No



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**Water body size:** 44 Miles

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### Public Water Supply Use

#### **Finished Drinking Water Dissolved Solids average**

2008	Total Dissolved Solids	1910_02	From confluence with Rosillo Creek to Roland Road					OE	NC	NC		No
2008	Total Dissolved Solids	1910_03	From Roland Road to Rice Road					OE	NC	NC		No
2008	Total Dissolved Solids	1910_04	From Rice Road to IH 10					OE	NC	NC		No
2008	Total Dissolved Solids	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35					OE	NC	NC		No
2008	Total Dissolved Solids	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368					OE	NC	NC		No
2008	Total Dissolved Solids	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410					OE	NC	NC		No
2008	Total Dissolved Solids	1910_08	Remainder of segment					OE	NC	NC		No

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

2008	Multiple	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek					OE	FS	FS		No
2008	Multiple	1910_02	From confluence with Rosillo Creek to Roland Road					OE	FS	FS		No
2008	Multiple	1910_03	From Roland Road to Rice Road					OE	FS	FS		No
2008	Multiple	1910_04	From Rice Road to IH 10					OE	FS	FS		No
2008	Multiple	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35					OE	FS	FS		No
2008	Multiple	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368					OE	FS	FS		No
2008	Multiple	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410					OE	FS	FS		No
2008	Multiple	1910_08	Remainder of segment					OE	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:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek					OE	NC	NC		No
2008	Multiple	1910_02	From confluence with Rosillo Creek to Roland Road					OE	NC	NC		No
2008	Multiple	1910_03	From Roland Road to Rice Road					OE	NC	NC		No
2008	Multiple	1910_04	From Rice Road to IH 10					OE	NC	NC		No
2008	Multiple	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35					OE	NC	NC		No
2008	Multiple	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368					OE	NC	NC		No
2008	Multiple	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410					OE	NC	NC		No
2008	Multiple	1910_08	Remainder of segment					OE	NC	NC		No

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

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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

#### Increased cost for treatment

2006	Demineralization	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek					OE	NC	NC		No
2006	Demineralization	1910_02	From confluence with Rosillo Creek to Roland Road					OE	NC	NC		No
2006	Demineralization	1910_03	From Roland Road to Rice Road					OE	NC	NC		No
2006	Demineralization	1910_04	From Rice Road to IH 10					OE	NC	NC		No
2006	Demineralization	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35					OE	NC	NC		No
2006	Demineralization	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368					OE	NC	NC		No
2006	Demineralization	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410					OE	NC	NC		No
2006	Demineralization	1910_08	Remainder of segment					OE	NC	NC		No
2006	Taste and Odor	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek					OE	NC	NC		No
2006	Taste and Odor	1910_02	From confluence with Rosillo Creek to Roland Road					OE	NC	NC		No
2006	Taste and Odor	1910_03	From Roland Road to Rice Road					OE	NC	NC		No
2006	Taste and Odor	1910_04	From Rice Road to IH 10					OE	NC	NC		No
2006	Taste and Odor	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35					OE	NC	NC		No
2006	Taste and Odor	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368					OE	NC	NC		No
2006	Taste and Odor	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410					OE	NC	NC		No
2006	Taste and Odor	1910_08	Remainder of segment					OE	NC	NC		No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	160	160			AD	FS	FS		No
2006	Multiple	1910_02	From confluence with Rosillo Creek to Roland Road	160	160			AD	FS	FS		No
2006	Multiple	1910_03	From Roland Road to Rice Road	160	160			AD	FS	FS		No
2006	Multiple	1910_04	From Rice Road to IH 10	160	160			AD	FS	FS		No
2006	Multiple	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	160	160			AD	FS	FS		No
2006	Multiple	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	160	160			AD	FS	FS		No
2006	Multiple	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	160	160			AD	FS	FS		No

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**Segment ID: 1910 Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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>Surface Water Toxic Substances average concern</b>												
2006	Alachlor	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	0	0			ID	NA	NA		No
2006	Alachlor	1910_02	From confluence with Rosillo Creek to Roland Road	0	0			ID	NA	NA		No
2006	Alachlor	1910_03	From Roland Road to Rice Road	0	0			ID	NA	NA		No
2006	Alachlor	1910_04	From Rice Road to IH 10	0	0			ID	NA	NA		No
2006	Alachlor	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	0	0			ID	NA	NA		No
2006	Alachlor	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	0	0			ID	NA	NA		No
2006	Alachlor	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	0	0			ID	NA	NA		No
2006	Alachlor	1910_08	Remainder of segment	0	0			ID	NA	NA		No
2006	Atrazine	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	0	0			ID	NA	NA		No
2006	MTBE	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	0	0			ID	NA	NA		No
2006	MTBE	1910_02	From confluence with Rosillo Creek to Roland Road	0	0			ID	NA	NA		No
2006	MTBE	1910_03	From Roland Road to Rice Road	0	0			ID	NA	NA		No
2006	MTBE	1910_04	From Rice Road to IH 10	0	0			ID	NA	NA		No
2006	MTBE	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	0	0			ID	NA	NA		No
2006	MTBE	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	0	0			ID	NA	NA		No
2006	MTBE	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	0	0			ID	NA	NA		No
2006	MTBE	1910_08	Remainder of segment	0	0			ID	NA	NA		No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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 Toxic Substances average concern

2006	Perchlorate	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	0	0			ID	NA	NA		No
2006	Perchlorate	1910_02	From confluence with Rosillo Creek to Roland Road	0	0			ID	NA	NA		No
2006	Perchlorate	1910_03	From Roland Road to Rice Road	0	0			ID	NA	NA		No
2006	Perchlorate	1910_04	From Rice Road to IH 10	0	0			ID	NA	NA		No
2006	Perchlorate	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	0	0			ID	NA	NA		No
2006	Perchlorate	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	0	0			ID	NA	NA		No
2006	Perchlorate	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	0	0			ID	NA	NA		No
2006	Perchlorate	1910_08	Remainder of segment	0	0			ID	NA	NA		No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	62	62	1	131.26	126.00	AD	NS	NS	4a No
2008	E. coli	1910_02	From confluence with Rosillo Creek to Roland Road	12	12	1	207.84	126.00	AD	NS	NS	4a No
2008	E. coli	1910_03	From Roland Road to Rice Road	12	12	1	258.40	126.00	AD	NS	NS	4a No
2006	E. coli	1910_04	From Rice Road to IH 10	0	0			126.00	ID	NA	NA	No
2008	E. coli	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	62	62	0	94.09	126.00	AD	FS	FS	No
2008	E. coli	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	50	50	1	224.94	126.00	AD	NS	NS	4a No
2008	E. coli	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	9	9	0	90.18	126.00	LD	NC	NC	No
2008	Enterococcus	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	3	3	1	1,072.27	35.00	ID	NA	NA	No
2008	Fecal coliform	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	46	46	1	216.13	200.00	SM	NS	NS	No
2008	Fecal coliform	1910_02	From confluence with Rosillo Creek to Roland Road	8	8	1	476.10	200.00	SM	NA	NA	No
2008	Fecal coliform	1910_03	From Roland Road to Rice Road	8	8	1	223.26	200.00	SM	NA	NA	No
2006	Fecal coliform	1910_04	From Rice Road to IH 10	0	0			200.00	ID	NA	NA	No
2008	Fecal coliform	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	46	46	0	158.04	200.00	AD	FS	FS	No
2008	Fecal coliform	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	34	34	1	436.96	200.00	SM	NA	NA	No
2008	Fecal coliform	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	4	4	0	109.03	200.00	LD	NC	NC	No

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**Segment ID:** 1910      **Salado Creek**

**Water body type:** Freshwater Stream

**Water body size:** 44 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 Single Sample</b>												
2008	E. coli	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	62	62	12	394.00	AD	FS	FS		No
2008	E. coli	1910_02	From confluence with Rosillo Creek to Roland Road	12	12	2	394.00	AD	FS	FS		No
2008	E. coli	1910_03	From Roland Road to Rice Road	12	12	5	394.00	AD	NS	NS	4a	No
2006	E. coli	1910_04	From Rice Road to IH 10	0	0		394.00	ID	NA	NA		No
2008	E. coli	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	62	62	7	394.00	AD	FS	FS		No
2008	E. coli	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	50	50	14	394.00	AD	CN	CN		No
2008	E. coli	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	9	9	3	394.00	LD	NC	NC		No
2008	Enterococcus	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	3	3	2	89.00	ID	NA	NA		No
2008	Fecal coliform	1910_01	From confluence with San Antonio River to confluence with Rosillo Creek	46	46	13	400.00	SM	CN	CN		No
2008	Fecal coliform	1910_02	From confluence with Rosillo Creek to Roland Road	8	8	3	400.00	SM	NA	NA		No
2008	Fecal coliform	1910_03	From Roland Road to Rice Road	8	8	3	400.00	SM	NA	NA		No
2008	Fecal coliform	1910_04	From Rice Road to IH 10	0	0		400.00	ID	NA	NS	4a	Yes
2008	Fecal coliform	1910_05	From IH 10 to approx 1.5 miles upstream of IH 35	46	46	8	400.00	AD	FS	FS		No
2008	Fecal coliform	1910_06	From approx. 1.5 miles upstream of IH 35 to Hwy 368	34	34	14	400.00	SM	NA	NA		No
2008	Fecal coliform	1910_07	From Hwy 368 to approx 1.5 miles upstream of Loop 410	4	4	1	400.00	LD	NC	NC		No



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**Segment ID:** 1910A **Walzem Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 5 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 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1910A_01 Lower 0.25 miles	0	0			5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1910A_01 Lower 0.25 miles	0	0			3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	1910A_01 Lower 0.25 miles	8	8	0		3.00	LD	NC	NC		No
2006	Dissolved Oxygen Grab	1910A_02 Remainder of water body	0	0			3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1910A_01 Lower 0.25 miles	8	8	0		5.00	LD	NC	NC		No
2006	Dissolved Oxygen Grab	1910A_02 Remainder of water body	0	0			5.00	ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1910A_01 Lower 0.25 miles	0	0				ID	NA	NA		No
2006	Multiple	1910A_02 Remainder of water body	0	0				ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1910A_01 Lower 0.25 miles	0	0				ID	NA	NA		No
2006	Multiple	1910A_02 Remainder of water body	0	0				ID	NA	NA		No

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**Segment ID:** 1910A **Walzem Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 5 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>												
2006	Ammonia	1910A_01	Lower 0.25 miles	0	0		0.33	ID	NA	NA		No
2006	Ammonia	1910A_02	Remainder of water body	0	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	1910A_01	Lower 0.25 miles	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1910A_02	Remainder of water body	0	0		14.10	ID	NA	NA		No
2006	Nitrate	1910A_01	Lower 0.25 miles	0	0		1.95	ID	NA	NA		No
2006	Nitrate	1910A_02	Remainder of water body	0	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	1910A_01	Lower 0.25 miles	0	0		0.37	ID	NA	NA		No
2006	Orthophosphorus	1910A_02	Remainder of water body	0	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	1910A_01	Lower 0.25 miles	0	0		0.69	ID	NA	NA		No
2006	Total Phosphorus	1910A_02	Remainder of water body	0	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1910A_01	Lower 0.25 miles	7	7	1	464.95	LD	CN	CN		No
2006	E. coli	1910A_02	Remainder of water body	0	0		126.00	ID	NA	NA		No
2008	Fecal coliform	1910A_01	Lower 0.25 miles	3	3	1	315.68	SM	NA	NA		No
<b>Bacteria Single Sample</b>												
2008	E. coli	1910A_01	Lower 0.25 miles	7	7	5	394.00	LD	NS	NS	4a	No
2006	E. coli	1910A_02	Remainder of water body	0	0		394.00	ID	NA	NA		No
2008	Fecal coliform	1910A_01	Lower 0.25 miles	3	3	2	400.00	SM	NA	NA		No

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

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**Segment ID:** 1910B      **Rosillo Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 18 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 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1910B_01 Entire water body	0	0			5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1910B_01 Entire water body	0	0			3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1910B_01 Entire water body	3	3	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1910B_01 Entire water body	3	3	1		5.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1910B_01 Entire water body	0	0			0.33	ID	NA	NA		No
2006	Chlorophyll-a	1910B_01 Entire water body	0	0			14.10	ID	NA	NA		No
2006	Nitrate	1910B_01 Entire water body	0	0			1.95	ID	NA	NA		No
2006	Orthophosphorus	1910B_01 Entire water body	0	0			0.37	ID	NA	NA		No
2006	Total Phosphorus	1910B_01 Entire water body	0	0			0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1910B_01 Entire water body	2	2		210.00	126.00	ID	NA	NA		No
2006	Fecal coliform	1910B_01 Entire water body	1	1		1,300.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1910B_01 Entire water body	2	2	1		394.00	ID	NA	NA		No
2006	Fecal coliform	1910B_01 Entire water body	1	1	1		400.00	ID	NA	NA		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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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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### Aquatic Life Use

#### **Acute Toxic Substances in water**

2006	Multiple	1911_07	From the confluence with the Medina River to 3 miles upstream	3	3	0		ID	NA	NA		No
2006	Multiple	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	1	1	0		ID	NA	NA		No
2006	Multiple	1911_11	Upper 8 miles of segment	2	2	0		ID	NA	NA		No

#### **Chronic Toxic Substances in water**

2006	Multiple	1911_07	From the confluence with the Medina River to 3 miles upstream	3	3			ID	NA	NA		No
2006	Multiple	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	1	1			ID	NA	NA		No
2006	Multiple	1911_11	Upper 8 miles of segment	2	2			ID	NA	NA		No

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

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**Segment ID:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1911_01	Lower 6 miles of segment	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	3	3	0	5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1911_06	From 2 miles downstream of confluence with Medina River to confluence	5	5	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1911_07	From the confluence with the Medina River to 3 miles upstream	5	5	0	5.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Avg	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	4	4	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	4	4	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Avg	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	3	3	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	1911_11	Upper 8 miles of segment	10	10	0	5.00	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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1911_01	Lower 6 miles of segment	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	3	3	0	3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1911_06	From 2 miles downstream of confluence with Medina River to confluence	5	5	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1911_07	From the confluence with the Medina River to 3 miles upstream	5	5	0	3.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Min	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	4	4	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	4	4	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen 24hr Min	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	3	3	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	1911_11	Upper 8 miles of segment	10	10	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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	1911_01	Lower 6 miles of segment	96	96	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_02	From 6 miles upstream of lower end of segment to confluence with Picos Creek	42	42	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_03	From confluence with Picos Creek to approx. 2.5 miles upstream of FM 536	21	21	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	127	127	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	89	89	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_06	From 2 miles downstream of confluence with Medina River to confluence	99	99	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_07	From the confluence with the Medina River to 3 miles upstream	45	45	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	42	42	2	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	127	127	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	64	64	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1911_11	Upper 8 miles of segment	313	313	7	3.00	SM	FS	FS		No

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

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**Segment ID:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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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### Aquatic Life Use

#### **Dissolved Oxygen grab screening level**

2008	Dissolved Oxygen Grab	1911_01	Lower 6 miles of segment	96	96	0		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	42	42	1		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	21	21	0		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	127	127	1		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	89	89	1		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_06	From 2 miles downstream of confluence with Medina River to confluence	99	99	0		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_07	From the confluence with the Medina River to 3 miles upstream	45	45	0		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	42	42	2		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	127	127	2		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	64	64	2		5.00	AD	NC	NC	No
2008	Dissolved Oxygen Grab	1911_11	Upper 8 miles of segment	313	313	22		5.00	SM	NC	NC	No

#### **Fish Community**

2008	Fish Community	1911_07	From the confluence with the Medina River to 3 miles upstream	5	5	1	42.40	41.00	AD	FS	FS	No
2008	Fish Community	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	2	2	2	34.50	41.00	AD	NS	NS	5c No
2008	Fish Community	1911_11	Upper 8 miles of segment	7	7	7	32.43	41.00	JQ	CN	CN	No



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**Segment ID:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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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### Aquatic Life Use

#### **Habitat**

2008	Habitat	1911_07	From the confluence with the Medina River to 3 miles upstream	5	5		24.80	20.00	AD	NC	NC	No
2008	Habitat	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	2	2		21.75	20.00	AD	NC	NC	No
2008	Habitat	1911_11	Upper 8 miles of segment	7	7	2	21.71	20.00	JQ	NC	NC	No

#### **Macrobenthic Community**

2008	Macrobenthic Community	1911_07	From the confluence with the Medina River to 3 miles upstream	0	0			29.00	ID	NA	NA	No
2008	Macrobenthic Community	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	0	0			29.00	ID	NA	NA	No
2008	Macrobenthic Community	1911_11	Upper 8 miles of segment	0	0			29.00	ID	NA	NA	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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	1911_01	Lower 6 miles of segment	3	3	0		ID	NA	NA		No
2006	Multiple	1911_02	From 6 miles upstream of lower end of segment to confluence with Picos Creek	3	3	0		ID	NA	NA		No
2006	Multiple	1911_03	From confluence with Picos Creek to approx. 2.5 miles upstream of FM 536	3	3	0		ID	NA	NA		No
2006	Multiple	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	3	3	0		ID	NA	NA		No
2006	Multiple	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	3	3	0		ID	NA	NA		No
2006	Multiple	1911_06	From 2 miles downstream of confluence with Medina River to confluence	3	3	0		ID	NA	NA		No
2006	Multiple	1911_07	From the confluence with the Medina River to 3 miles upstream	3	3	0		ID	NA	NA		No
2006	Multiple	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	3	3	0		ID	NA	NA		No
2006	Multiple	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	3	3	0		ID	NA	NA		No
2006	Multiple	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	3	3	0		ID	NA	NA		No
2006	Multiple	1911_11	Upper 8 miles of segment	3	3	0		ID	NA	NA		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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	Multiple	1911_01	Lower 6 miles of segment	0	0			ID	NA	NA		No
2006	Multiple	1911_02	From 6 miles upstream of lower end of segment to confluence with Picos Creek	0	0			ID	NA	NA		No
2006	Multiple	1911_03	From confluence with Picos Creek to approx. 2.5 miles upstream of FM 536	0	0			ID	NA	NA		No
2006	Multiple	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	0	0			ID	NA	NA		No
2006	Multiple	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	0	0			ID	NA	NA		No
2006	Multiple	1911_06	From 2 miles downstream of confluence with Medina River to confluence	0	0			ID	NA	NA		No
2006	Multiple	1911_07	From the confluence with the Medina River to 3 miles upstream	0	0			ID	NA	NA		No
2006	Multiple	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	0	0			ID	NA	NA		No
2006	Multiple	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	0	0			ID	NA	NA		No
2006	Multiple	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	0	0			ID	NA	NA		No
2006	Multiple	1911_11	Upper 8 miles of segment	0	0			ID	NA	NA		No

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

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**Segment ID:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	1911_03	From confluence with Picos Creek to approx. 2.5 miles upstream of FM 536					OE	FS	FS		No
2008	Risk Assess.- No Advisory	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125					OE	FS	FS		No
2008	Risk Assess.- No Advisory	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.					OE	FS	FS		No
2008	Risk Assess.- No Advisory	1911_06	From 2 miles downstream of confluence with Medina River to confluence					OE	FS	FS		No

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### Fish Consumption Use

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

2006	Multiple	1911_01	Lower 6 miles of segment	41	41			AD	FS	FS		No
2006	Multiple	1911_02	From 6 miles upstream of lower end of segment to confluence with Picos Creek	41	41			AD	FS	FS		No
2006	Multiple	1911_03	From confluence with Picos Creek to approx. 2.5 miles upstream of FM 536	41	41			AD	FS	FS		No
2006	Multiple	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	41	41			AD	FS	FS		No
2006	Multiple	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	41	41			AD	FS	FS		No
2006	Multiple	1911_06	From 2 miles downstream of confluence with Medina River to confluence	41	41			AD	FS	FS		No
2006	Multiple	1911_07	From the confluence with the Medina River to 3 miles upstream	41	41			AD	FS	FS		No
2006	Multiple	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	41	41			AD	FS	FS		No
2006	Multiple	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	41	41			AD	FS	FS		No
2006	Multiple	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	41	41			AD	FS	FS		No
2006	Multiple	1911_11	Upper 8 miles of segment	41	41			AD	FS	FS		No

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Segment ID: 1911 Upper San Antonio River

Water body type: Freshwater Stream Water body size: 85 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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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

#### Dissolved Solids

2008	Chloride	1911_01	Lower 6 miles of segment	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_06	From 2 miles downstream of confluence with Medina River to confluence	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_07	From the confluence with the Medina River to 3 miles upstream	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	572	572		58.95	150.00	AD	FS	FS	No
2008	Chloride	1911_11	Upper 8 miles of segment	572	572		58.95	150.00	AD	FS	FS	No
2008	Sulfate	1911_01	Lower 6 miles of segment	567	567		51.94	150.00	AD	FS	FS	No
2008	Sulfate	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	567	567		51.94	150.00	AD	FS	FS	No
2008	Sulfate	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	567	567		51.94	150.00	AD	FS	FS	No
2008	Sulfate	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	567	567		51.94	150.00	AD	FS	FS	No

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**Segment ID:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	567	567	51.94	150.00	AD	FS	FS		No
2008	Sulfate	1911_06	From 2 miles downstream of confluence with Medina River to confluence	567	567	51.94	150.00	AD	FS	FS		No
2008	Sulfate	1911_07	From the confluence with the Medina River to 3 miles upstream	567	567	51.94	150.00	AD	FS	FS		No
2008	Sulfate	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	567	567	51.94	150.00	AD	FS	FS		No
2008	Sulfate	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	567	567	51.94	150.00	AD	FS	FS		No
2008	Sulfate	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	567	567	51.94	150.00	AD	FS	FS		No
2008	Sulfate	1911_11	Upper 8 miles of segment	567	567	51.94	150.00	AD	FS	FS		No
2008	Total Dissolved Solids	1911_01	Lower 6 miles of segment	1,113	1,113	453.50	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	1,113	1,113	453.50	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	1,113	1,113	453.50	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	1,113	1,113	453.50	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	1,113	1,113	453.50	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1911_06	From 2 miles downstream of confluence with Medina River to confluence	1,113	1,113	453.50	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1911_07	From the confluence with the Medina River to 3 miles upstream	1,113	1,113	453.50	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	1,113	1,113	453.50	750.00	AD	FS	FS		No



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**Segment ID: 1911 Upper San Antonio River**

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**Water body size:** 85 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	Total Dissolved Solids	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	1,113	1,113		453.50	750.00	AD	FS	FS	No
2008	Total Dissolved Solids	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	1,113	1,113		453.50	750.00	AD	FS	FS	No
2008	Total Dissolved Solids	1911_11	Upper 8 miles of segment	1,113	1,113		453.50	750.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1911_01	Lower 6 miles of segment	97	97	0		9.00	AD	FS	FS	No
2008	pH	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	43	43	0		9.00	AD	FS	FS	No
2008	pH	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	21	21	0		9.00	AD	FS	FS	No
2008	pH	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	128	128	0		9.00	AD	FS	FS	No
2008	pH	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	95	95	0		9.00	AD	FS	FS	No
2008	pH	1911_06	From 2 miles downstream of confluence with Medina River to confluence	99	99	0		9.00	AD	FS	FS	No
2008	pH	1911_07	From the confluence with the Medina River to 3 miles upstream	46	46	0		9.00	AD	FS	FS	No
2008	pH	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	42	42	0		9.00	AD	FS	FS	No
2008	pH	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	127	127	0		9.00	AD	FS	FS	No
2008	pH	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	65	65	0		9.00	AD	FS	FS	No
2008	pH	1911_11	Upper 8 miles of segment	314	314	0		9.00	AD	FS	FS	No

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**Water body size:** 85 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	1911_01	Lower 6 miles of segment	97	97	0	6.50	AD	FS	FS		No
2008	pH	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	43	43	0	6.50	AD	FS	FS		No
2008	pH	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	21	21	0	6.50	AD	FS	FS		No
2008	pH	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	128	128	0	6.50	AD	FS	FS		No
2008	pH	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	95	95	0	6.50	AD	FS	FS		No
2008	pH	1911_06	From 2 miles downstream of confluence with Medina River to confluence	99	99	0	6.50	AD	FS	FS		No
2008	pH	1911_07	From the confluence with the Medina River to 3 miles upstream	46	46	0	6.50	AD	FS	FS		No
2008	pH	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	42	42	0	6.50	AD	FS	FS		No
2008	pH	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	127	127	0	6.50	AD	FS	FS		No
2008	pH	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	65	65	0	6.50	AD	FS	FS		No
2008	pH	1911_11	Upper 8 miles of segment	314	314	0	6.50	AD	FS	FS		No

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### General Use

#### Nutrient Screening Levels

2008	Ammonia	1911_01	Lower 6 miles of segment	35	35	0	0.33	AD	NC	NC		No
2008	Ammonia	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	35	35	0	0.33	AD	NC	NC		No
2008	Ammonia	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	20	20	0	0.33	AD	NC	NC		No
2008	Ammonia	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	54	54	2	0.33	AD	NC	NC		No
2008	Ammonia	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	82	82	4	0.33	AD	NC	NC		No
2008	Ammonia	1911_06	From 2 miles downstream of confluence with Medina River to confluence	28	28	3	0.33	AD	NC	NC		No
2008	Ammonia	1911_07	From the confluence with the Medina River to 3 miles upstream	38	38	5	0.33	AD	NC	NC		No
2008	Ammonia	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	35	35	0	0.33	AD	NC	NC		No
2008	Ammonia	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	54	54	0	0.33	AD	NC	NC		No
2008	Ammonia	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	50	50	0	0.33	AD	NC	NC		No
2008	Ammonia	1911_11	Upper 8 miles of segment	117	117	3	0.33	AD	NC	NC		No
2006	Chlorophyll-a	1911_01	Lower 6 miles of segment	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	0	0		14.10	ID	NA	NA		No

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<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Chlorophyll-a	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_06	From 2 miles downstream of confluence with Medina River to confluence	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_07	From the confluence with the Medina River to 3 miles upstream	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	1911_11	Upper 8 miles of segment	0	0		14.10	ID	NA	NA		No
2008	Nitrate	1911_01	Lower 6 miles of segment	34	34	34	1.95	AD	CS	CS		No
2008	Nitrate	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	34	34	34	1.95	AD	CS	CS		No
2008	Nitrate	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	19	19	19	1.95	AD	CS	CS		No
2008	Nitrate	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	54	54	51	1.95	AD	CS	CS		No
2008	Nitrate	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	87	87	84	1.95	AD	CS	CS		No
2008	Nitrate	1911_06	From 2 miles downstream of confluence with Medina River to confluence	28	28	28	1.95	AD	CS	CS		No
2008	Nitrate	1911_07	From the confluence with the Medina River to 3 miles upstream	38	38	35	1.95	AD	CS	CS		No
2008	Nitrate	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	35	35	7	1.95	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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	Nitrate	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	54	54	8	1.95	AD	NC	NC		No
2008	Nitrate	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	50	50	24	1.95	AD	CS	CS		No
2008	Nitrate	1911_11	Upper 8 miles of segment	117	117	42	1.95	AD	CS	CS		No
2006	Orthophosphorus	1911_01	Lower 6 miles of segment	0	0		0.37	ID	NA	NA		No
2006	Orthophosphorus	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	0	0		0.37	ID	NA	NA		No
2006	Orthophosphorus	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	0	0		0.37	ID	NA	NA		No
2008	Orthophosphorus	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	11	11	9	0.37	AD	CS	CS		No
2008	Orthophosphorus	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	52	52	38	0.37	AD	CS	CS		No
2008	Orthophosphorus	1911_06	From 2 miles downstream of confluence with Medina River to confluence	11	11	9	0.37	AD	CS	CS		No
2008	Orthophosphorus	1911_07	From the confluence with the Medina River to 3 miles upstream	18	18	10	0.37	AD	CS	CS		No
2006	Orthophosphorus	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	18	18		0.37	AD	NC	NC		No
2008	Orthophosphorus	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	18	18	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	14	14	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1911_11	Upper 8 miles of segment	36	36	1	0.37	AD	NC	NC		No
2008	Total Phosphorus	1911_01	Lower 6 miles of segment	35	35	16	0.69	AD	CS	CS		No
2008	Total Phosphorus	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	35	35	16	0.69	AD	CS	CS		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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	1911_03	From confluence with Picos Creek to approx. 2.5 miles upstream of FM 536	20	20	4	0.69	AD	NC	NC		No
2008	Total Phosphorus	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	53	53	27	0.69	AD	CS	CS		No
2008	Total Phosphorus	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	85	85	47	0.69	AD	CS	CS		No
2008	Total Phosphorus	1911_06	From 2 miles downstream of confluence with Medina River to confluence	28	28	16	0.69	AD	CS	CS		No
2008	Total Phosphorus	1911_07	From the confluence with the Medina River to 3 miles upstream	38	38	17	0.69	AD	CS	CS		No
2008	Total Phosphorus	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	34	34	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	52	52	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	50	50	4	0.69	AD	NC	NC		No
2008	Total Phosphorus	1911_11	Upper 8 miles of segment	116	116	17	0.69	AD	NC	NC		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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	Temperature	1911_01	Lower 6 miles of segment	100	100	0	32.20	AD	FS	FS		No
2008	Temperature	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	43	43	0	32.20	AD	FS	FS		No
2008	Temperature	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	21	21	0	32.20	AD	FS	FS		No
2008	Temperature	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	129	129	0	32.20	AD	FS	FS		No
2008	Temperature	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	96	96	1	32.20	AD	FS	FS		No
2008	Temperature	1911_06	From 2 miles downstream of confluence with Medina River to confluence	100	100	0	32.20	AD	FS	FS		No
2008	Temperature	1911_07	From the confluence with the Medina River to 3 miles upstream	46	46	0	32.20	AD	FS	FS		No
2008	Temperature	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	43	43	1	32.20	AD	FS	FS		No
2008	Temperature	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	137	137	3	32.20	AD	FS	FS		No
2008	Temperature	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	65	65	1	32.20	AD	FS	FS		No
2008	Temperature	1911_11	Upper 8 miles of segment	323	323	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: 1911 Upper San Antonio River

Water body type: Freshwater Stream Water body size: 85 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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Recreation 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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	
Recreation Use													
Bacteria Geomean													
2008	E. coli	1911_01	Lower 6 miles of segment	111	111	0	84.56	126.00	AD	FS	FS		No
2008	E. coli	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	41	41	1	156.62	126.00	AD	NS	NS	4a	No
2008	E. coli	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	20	20	1	205.17	126.00	AD	NS	NS	4a	No
2008	E. coli	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	59	59	0	114.72	126.00	AD	FS	FS		No
2008	E. coli	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	42	42	0	107.41	126.00	AD	FS	FS		No
2008	E. coli	1911_06	From 2 miles downstream of confluence with Medina River to confluence	34	34	1	132.08	126.00	AD	NS	NS	4a	No
2008	E. coli	1911_07	From the confluence with the Medina River to 3 miles upstream	38	38	0	99.45	126.00	AD	FS	FS		No
2008	E. coli	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	43	43	1	126.48	126.00	AD	NS	NS	4a	No
2008	E. coli	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	69	69	1	151.60	126.00	AD	NS	NS	4a	No
2008	E. coli	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	56	56	1	286.03	126.00	AD	NS	NS	4a	No
2008	E. coli	1911_11	Upper 8 miles of segment	239	239	1	321.92	126.00	AD	NS	NS	4a	No
2008	Enterococcus	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	4	4	1	226.28	35.00	SM	NA	NA		No
2008	Enterococcus	1911_06	From 2 miles downstream of confluence with Medina River to confluence	4	4	1	161.24	35.00	SM	NA	NA		No
2008	Enterococcus	1911_07	From the confluence with the Medina River to 3 miles upstream	10	10	1	122.24	35.00	SM	NA	NA		No
2008	Enterococcus	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	4	4	1	341.35	35.00	SM	NA	NA		No

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

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**Segment ID:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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	Enterococcus	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	6	6	1	168.93	35.00	SM	NA	NA	No
2008	Enterococcus	1911_11	Upper 8 miles of segment	20	20	1	315.44	35.00	SM	NA	NA	No
2008	Fecal coliform	1911_01	Lower 6 miles of segment	77	77	0	150.63	200.00	AD	FS	FS	No
2008	Fecal coliform	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	19	19	1	242.74	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	17	17	1	296.25	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	36	36	1	210.52	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	20	20	1	210.94	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_06	From 2 miles downstream of confluence with Medina River to confluence	20	20	0	156.14	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_07	From the confluence with the Medina River to 3 miles upstream	27	27	1	219.72	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	21	21	1	367.29	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	33	33	1	246.74	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	35	35	1	648.58	200.00	SM	NA	NA	No
2008	Fecal coliform	1911_11	Upper 8 miles of segment	208	208	1	646.37	200.00	SM	NA	NA	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:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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 Single Sample</b>												
2008	E. coli	1911_01	Lower 6 miles of segment	111	111	11	394.00	AD	FS	FS		No
2008	E. coli	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	41	41	9	394.00	AD	FS	FS		No
2008	E. coli	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	20	20	5	394.00	AD	FS	FS		No
2008	E. coli	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	59	59	8	394.00	AD	FS	FS		No
2008	E. coli	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	42	42	5	394.00	AD	FS	FS		No
2008	E. coli	1911_06	From 2 miles downstream of confluence with Medina River to confluence	34	34	9	394.00	AD	FS	FS		No
2008	E. coli	1911_07	From the confluence with the Medina River to 3 miles upstream	38	38	8	394.00	AD	FS	FS		No
2008	E. coli	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	43	43	8	394.00	AD	FS	FS		No
2008	E. coli	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	69	69	17	394.00	AD	FS	FS		No
2008	E. coli	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	56	56	17	394.00	AD	CN	CN		No
2008	E. coli	1911_11	Upper 8 miles of segment	239	239	101	394.00	AD	NS	NS	4a	No
2008	Enterococcus	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	4	4	4	89.00	SM	NA	NA		No
2008	Enterococcus	1911_06	From 2 miles downstream of confluence with Medina River to confluence	4	4	3	89.00	SM	NA	NA		No
2008	Enterococcus	1911_07	From the confluence with the Medina River to 3 miles upstream	10	10	6	89.00	SM	NA	NA		No
2008	Enterococcus	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	4	4	3	89.00	SM	NA	NA		No

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

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**Segment ID:** 1911      **Upper San Antonio River**

**Water body type:** Freshwater Stream

**Water body size:** 85 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 Single Sample</b>												
2008	Enterococcus	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	6	6	4	89.00	SM	NA	NA		No
2008	Enterococcus	1911_11	Upper 8 miles of segment	20	20	18	89.00	SM	NA	NA		No
2008	Fecal coliform	1911_01	Lower 6 miles of segment	77	77	11	400.00	AD	FS	FS		No
2008	Fecal coliform	1911_02	From 6 miles upstream of lower end of segment to confluence with Picoso Cr	19	19	6	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_03	From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 536	17	17	5	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_04	From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	36	36	9	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_05	From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	20	20	4	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_06	From 2 miles downstream of confluence with Medina River to confluence	20	20	5	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_07	From the confluence with the Medina River to 3 miles upstream	27	27	7	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_08	From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	21	21	7	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_09	From confluence with Salado Creek to confluence with Sixmile Creek	33	33	10	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_10	From confluence with Sixmile Creek to confluence with San Pedro Creek	35	35	18	400.00	SM	NA	NA		No
2008	Fecal coliform	1911_11	Upper 8 miles of segment	208	208	115	400.00	SM	NA	NA		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:** 1912      **Medio Creek**

**Water body type:** Freshwater Stream

**Water body size:** 2 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>Acute Toxic Substances in water</b>												
2006 Multiple	1912_01	Entire segment	5	5	0			LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006 Multiple	1912_01	Entire segment	5	5				LD	NC	NC		No
<b>Dissolved Oxygen 24hr average</b>												
2008 Dissolved Oxygen 24hr Avg	1912_01	Entire segment	13	13	0		4.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008 Dissolved Oxygen 24hr Min	1912_01	Entire segment	13	13	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008 Dissolved Oxygen Grab	1912_01	Entire segment	71	71	0		3.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008 Dissolved Oxygen Grab	1912_01	Entire segment	71	71	2		4.00	SM	NC	NC		No
<b>Fish Community</b>												
2008 Fish Community	1912_01	Entire segment	6	6	3	38.33	41.00	JQ	CN	CN		No
<b>Habitat</b>												
2008 Habitat	1912_01	Entire segment	6	6		25.33	20.00	JQ	NC	NC		No
<b>Macrobenthic Community</b>												
2008 Macrobenthic Community	1912_01	Entire segment	0	0			29.00	ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006 Multiple	1912_01	Entire segment	5	5				LD	NC	NC		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:** 1912      **Medio Creek**

**Water body type:** Freshwater Stream

**Water body size:** 2 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	1912_01	Entire segment	68	68		104.84	150.00	AD	FS	FS	No
2008	Sulfate	1912_01	Entire segment	65	65		81.55	150.00	AD	FS	FS	No
2008	Total Dissolved Solids	1912_01	Entire segment	75	75		588.03	750.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	1912_01	Entire segment	75	75	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	1912_01	Entire segment	75	75	0		6.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	1912_01	Entire segment	65	65	1		0.33	AD	NC	NC	No
2006	Chlorophyll-a	1912_01	Entire segment	0	0			14.10	ID	NA	NA	No
2008	Nitrate	1912_01	Entire segment	67	67	40		1.95	AD	CS	CS	No
2008	Orthophosphorus	1912_01	Entire segment	32	32	30		0.37	AD	CS	CS	No
2008	Total Phosphorus	1912_01	Entire segment	67	67	57		0.69	AD	CS	CS	No
<b>Water Temperature</b>												
2008	Temperature	1912_01	Entire segment	75	75	0		35.00	AD	FS	FS	No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	1912_01	Entire segment	59	59	0	69.17	126.00	AD	FS	FS	No
2008	Fecal coliform	1912_01	Entire segment	43	43	0	134.39	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1912_01	Entire segment	59	59	6		394.00	AD	FS	FS	No
2008	Fecal coliform	1912_01	Entire segment	43	43	6		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:** 1912A **Upper Medio Creek (unclassified water body)**

**Water body type:** Freshwater Stream

**Water body size:** 23 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 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	1912A_01 Entire water body	1	1	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	1912A_01 Entire water body	1	1	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	1912A_01 Entire water body	10	10	0		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	1912A_01 Entire water body	10	10	1		3.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	1912A_01 Entire water body	10	10	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	1912A_01 Entire water body	10	10	5		14.10	AD	CS	CS		No
2006	Nitrate	1912A_01 Entire water body	10	10	10		1.95	AD	CS	CS		No
2006	Orthophosphorus	1912A_01 Entire water body	10	10	10		0.37	AD	CS	CS		No
2006	Total Phosphorus	1912A_01 Entire water body	10	10	9		0.69	AD	CS	CS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	1912A_01 Entire water body	4	4			126.00	LD	CN	CN		No
2006	Fecal coliform	1912A_01 Entire water body	3	3		275.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	1912A_01 Entire water body	4	4	1		394.00	LD	NC	NC		No
2006	Fecal coliform	1912A_01 Entire water body	3	3	1		400.00	ID	NA	NA		No

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**Segment ID: 1913 Mid Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 19 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>Acute Toxic Substances in water</b>													
2006	Multiple	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	2	2	0			ID	NA	NA		No
2006	Multiple	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	1	1	0			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>													
2006	Multiple	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	2	2				ID	NA	NA		No
2006	Multiple	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	1	1				ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>													
2008	Dissolved Oxygen 24hr Avg	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	21	21	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	13	13	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	14	14	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>													
2008	Dissolved Oxygen 24hr Min	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	21	21	0		2.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	13	13	4		2.00	AD	NS	NS	4b	No
2008	Dissolved Oxygen 24hr Min	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	14	14	0		2.00	AD	FS	FS		No



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**Segment ID: 1913 Mid Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 19 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	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	55	55	0	2.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	14	14	0	2.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	34	34	0	2.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	55	55	3	3.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	14	14	0	3.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	34	34	0	3.00	SM	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	0	0			ID	NA	NA		No
2006	Multiple	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	0	0			ID	NA	NA		No
2006	Multiple	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	0	0			ID	NA	NA		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	3	3			ID	NA	NA		No
2006	Multiple	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	3	3			ID	NA	NA		No
2006	Multiple	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	3	3			ID	NA	NA		No

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**Segment ID:** 1913      **Mid Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 19 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	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	92	92	62.35	150.00	AD	FS	FS		No
2008	Chloride	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	92	92	62.35	150.00	AD	FS	FS		No
2008	Chloride	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	92	92	62.35	150.00	AD	FS	FS		No
2008	Sulfate	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	90	90	46.13	150.00	AD	FS	FS		No
2008	Sulfate	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	90	90	46.13	150.00	AD	FS	FS		No
2008	Sulfate	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	90	90	46.13	150.00	AD	FS	FS		No
2008	Total Dissolved Solids	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	96	96	481.74	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	96	96	481.74	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	96	96	481.74	750.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	55	55	0	9.00	AD	FS	FS		No
2008	pH	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	13	13	0	9.00	AD	FS	FS		No
2008	pH	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	35	35	0	9.00	AD	FS	FS		No

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**Segment ID:** 1913      **Mid Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 19 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

#### Low pH

2008	pH	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	55	55	0	6.50	AD	FS	FS		No
2008	pH	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	13	13	0	6.50	AD	FS	FS		No
2008	pH	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	35	35	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:** 1913      **Mid Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 19 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	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	53	53	21	0.33	AD	CS	CS		No
2008	Ammonia	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	16	16	12	0.33	AD	CS	CS		No
2008	Ammonia	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	21	21	9	0.33	AD	CS	CS		No
2008	Chlorophyll-a	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	40	40	6	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	16	16	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	15	15	0	14.10	AD	NC	NC		No
2008	Nitrate	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	51	51	44	1.95	AD	CS	CS		No
2008	Nitrate	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	14	14	9	1.95	AD	CS	CS		No
2008	Nitrate	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	19	19	13	1.95	AD	CS	CS		No
2008	Orthophosphorus	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	50	50	44	0.37	AD	CS	CS		No
2008	Orthophosphorus	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	15	15	14	0.37	AD	CS	CS		No
2008	Orthophosphorus	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	19	19	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	49	49	33	0.69	AD	CS	CS		No
2008	Total Phosphorus	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	14	14	10	0.69	AD	CS	CS		No

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**Segment ID: 1913 Mid Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 19 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	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	19	19	2	0.69	AD	NC	NC		No
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#### Water Temperature

2008	Temperature	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	55	55	0	32.20	AD	FS	FS		No
2008	Temperature	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	14	14	0	32.20	AD	FS	FS		No
2008	Temperature	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	36	36	0	32.20	AD	FS	FS		No

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**Segment ID: 1913 Mid Cibolo Creek**

**Water body type:** Freshwater Stream

**Water body size:** 19 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	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	42	42	0	89.44	126.00	AD	FS	FS	No
2008	E. coli	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	14	14	0	91.45	126.00	AD	FS	FS	No
2008	E. coli	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	19	19	1	165.97	126.00	AD	NS	NS	5c No
2008	Fecal coliform	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	23	23	0	86.88	200.00	AD	FS	FS	No
2008	Fecal coliform	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	4	4	0	115.73	200.00	LD	NC	NC	No
2008	Fecal coliform	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	10	10	1	205.08	200.00	SM	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	42	42	2		394.00	AD	FS	FS	No
2008	E. coli	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	14	14	1		394.00	AD	FS	FS	No
2008	E. coli	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	19	19	2		394.00	AD	FS	FS	No
2008	Fecal coliform	1913_01	Lower 7 miles of segment from IH 10 to Bexar CR 320	23	23	1		400.00	AD	FS	FS	No
2008	Fecal coliform	1913_02	From Bexar CR 320 to approx. 0.50 miles upstream of Buffalo Lane in Cibolo	4	4	1		400.00	LD	NC	NC	No
2008	Fecal coliform	1913_03	From approx. 0.50 mi. upstream of Buffalo Lane in Cibolo to upper end of segment	10	10	4		400.00	SM	NA	NA	No