

## 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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to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: 0601 Neches River Tidal

Water body type: Tidal Stream

Water body size: 27 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0601_01	Lower boundary to top of first oxbow	11	11	0		AD	FS	FS		No
2006	Multiple	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	4	4	0		LD	NC	NC		No
2006	Multiple	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	4	4	0		LD	NC	NC		No
2006	Multiple	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	11	11	0		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Malathion	0601_01	Lower boundary to top of first oxbow	10	10		0.04	0.01	AD	CN	CN	No
2006	Multiple	0601_01	Lower boundary to top of first oxbow	11	11			AD	FS	FS		No
2006	Multiple	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	4	4	0		LD	NC	NC		No
2006	Multiple	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	4	4	0		LD	NC	NC		No
2006	Multiple	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	11	11			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0601_01	Lower boundary to top of first oxbow	0	0			3.00	ID	NA	NA	No
2006	Dissolved Oxygen 24hr Avg	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	0	0			3.00	ID	NA	NA	No
2006	Dissolved Oxygen 24hr Avg	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	0	0			3.00	ID	NA	NA	No
2006	Dissolved Oxygen 24hr Avg	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	0	0			3.00	ID	NA	NA	No

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### Segment ID: 0601 Neches River Tidal

Water body type: Tidal Stream

Water body size: 27 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0601_01	Lower boundary to top of first oxbow	0	0		2.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	0	0		2.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	0	0		2.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	0	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0601_01	Lower boundary to top of first oxbow	250	28	0	2.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	295	27	0	2.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	212	27	0	2.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	182	27	0	2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0601_01	Lower boundary to top of first oxbow	250	28	0	3.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	295	27	0	3.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	212	27	1	3.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	182	27	0	3.00	AD	NC	NC		No

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### Segment ID: 0601 Neches River Tidal

Water body type: Tidal Stream

Water body size: 27 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Multiple	0601_01	Lower boundary to top of first oxbow	58	58			AD	NC	NC		No
2006	Multiple	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	58	58			AD	NC	NC		No
2006	Multiple	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	58	58			AD	NC	NC		No
2006	Multiple	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	56	56			AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0601_01	Lower boundary to top of first oxbow	24	24			AD	FS	FS		No
2006	Multiple	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	24	24			AD	FS	FS		No
2006	Multiple	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	24	24			AD	FS	FS		No
2006	Multiple	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	24	24			AD	FS	FS		No

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**Segment ID: 0601      Neches River Tidal**

**Water body type:** Tidal Stream

**Water body size:** 27 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	0601_01	Lower boundary to top of first oxbow	250	28	0	8.50	AD	FS	FS		No
2008	pH	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	295	27	0	8.50	AD	FS	FS		No
2008	pH	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	212	27	0	8.50	AD	FS	FS		No
2008	pH	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	182	27	1	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0601_01	Lower boundary to top of first oxbow	250	28	0	6.00	AD	FS	FS		No
2008	pH	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	295	27	0	6.00	AD	FS	FS		No
2008	pH	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	212	27	0	6.00	AD	FS	FS		No
2008	pH	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	182	27	0	6.00	AD	FS	FS		No

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**Water body type:** Tidal Stream

**Water body size:** 27 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	0601_01	Lower boundary to top of first oxbow	30	30	0	0.46	AD	NC	NC		No
2008	Ammonia	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	28	28	0	0.46	AD	NC	NC		No
2008	Ammonia	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	28	28	1	0.46	AD	NC	NC		No
2008	Ammonia	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	29	29	0	0.46	AD	NC	NC		No
2008	Chlorophyll-a	0601_01	Lower boundary to top of first oxbow	31	31	0	21.00	AD	NC	NC		No
2008	Chlorophyll-a	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	28	28	0	21.00	AD	NC	NC		No
2008	Chlorophyll-a	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	28	28	0	21.00	AD	NC	NC		No
2008	Chlorophyll-a	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	29	29	1	21.00	AD	NC	NC		No
2008	Nitrate	0601_01	Lower boundary to top of first oxbow	31	31	0	1.10	AD	NC	NC		No
2008	Nitrate	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	28	28	0	1.10	AD	NC	NC		No
2008	Nitrate	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	28	28	0	1.10	AD	NC	NC		No
2008	Nitrate	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	29	29	0	1.10	AD	NC	NC		No
2008	Orthophosphorus	0601_01	Lower boundary to top of first oxbow	31	31	1	0.46	AD	NC	NC		No
2008	Orthophosphorus	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	28	28	1	0.46	AD	NC	NC		No

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### Segment ID: 0601 Neches River Tidal

Water body type: Tidal Stream

Water body size: 27 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Orthophosphorus	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	28	28	0	0.46	AD	NC	NC		No
2008	Orthophosphorus	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	29	29	0	0.46	AD	NC	NC		No
2008	Total Phosphorus	0601_01	Lower boundary to top of first oxbow	30	30	0	0.66	AD	NC	NC		No
2008	Total Phosphorus	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	28	28	0	0.66	AD	NC	NC		No
2008	Total Phosphorus	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	28	28	0	0.66	AD	NC	NC		No
2008	Total Phosphorus	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	29	29	0	0.66	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0601_01	Lower boundary to top of first oxbow	250	28	0	35.00	AD	FS	FS		No
2008	Temperature	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	295	27	0	35.00	AD	FS	FS		No
2008	Temperature	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	212	27	0	35.00	AD	FS	FS		No
2008	Temperature	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	182	27	0	35.00	AD	FS	FS		No

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**Water body size:** 27 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	0601_01	Lower boundary to top of first oxbow	17	17	0	11.94	35.00	AD	FS	FS	No
2008	Enterococcus	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	18	18	0	17.13	35.00	AD	FS	FS	No
2008	Enterococcus	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	17	17	0	23.82	35.00	AD	FS	FS	No
2008	Enterococcus	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	19	19	0	20.49	35.00	AD	FS	FS	No
2008	Fecal coliform	0601_01	Lower boundary to top of first oxbow	12	12	0	30.92	200.00	AD	FS	FS	No
2008	Fecal coliform	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	11	11	0	27.47	200.00	AD	FS	FS	No
2008	Fecal coliform	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	13	13	0	76.51	200.00	AD	FS	FS	No
2008	Fecal coliform	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	13	13	0	32.51	200.00	AD	FS	FS	No

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**Water body size:** 27 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	0601_01	Lower boundary to top of first oxbow	17	17	1	89.00	AD	FS	FS		No
2008	Enterococcus	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	18	18	2	89.00	AD	FS	FS		No
2008	Enterococcus	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	17	17	5	89.00	AD	FS	FS		No
2008	Enterococcus	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	19	19	5	89.00	AD	FS	FS		No
2008	Fecal coliform	0601_01	Lower boundary to top of first oxbow	12	12	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0601_02	Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin	11	11	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0601_03	Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City S.RR bridge	13	13	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0601_04	Top of last oxbow below Kansas City S.RR bridge to top of boundary	13	13	1	400.00	AD	FS	FS		No

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### Segment ID: 0601A Star Lake Canal (unclassified water body)

Water body type: Tidal Stream

Water body size: 3 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Ambient Toxicity tests in water</b>												
2006	Water Acute Toxicity	0601A_01	Entire water body	1	1	1		ID	NA	NA		No
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0601A_01	Entire water body	4	4	0		LD	NC	NC		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0601A_01	Entire water body	1	1	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	0601A_01	Entire water body	4	4	0		LD	NC	NC		No
2006	Organics	0601A_01	Entire water body	2	2			ID	NA	NA		No
<b>Chronic Toxicity tests in whole sediment</b>												
2006	Sediment Chronic Toxicity	0601A_01	Entire water body	1	1	0		ID				No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0601A_01	Entire water body	9	9	2	4.00	LD	CN	CN		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0601A_01	Entire water body	9	9	2	3.00	LD	CN	CN		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0601A_01	Entire water body	28	28	0	3.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0601A_01	Entire water body	28	28	2	4.00	SM	NC	NC		No
<b>Elutriate Toxicity tests in sediment</b>												
2006	Sediment Elutriate Toxicity	0601A_01	Entire water body	1	1	0		ID				No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0601A_01	Entire water body	7	7	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0601A_01	Entire water body	4	4			LD	NC	NC		No

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### Segment ID: 0601A Star Lake Canal (unclassified water body)

Water body type: Tidal Stream

Water body size: 3 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0601A_01	Entire water body	28	28	4	0.46	AD	NC	NC		No
2008	Chlorophyll-a	0601A_01	Entire water body	28	28	1	21.00	AD	NC	NC		No
2008	Nitrate	0601A_01	Entire water body	28	28	3	1.10	AD	NC	NC		No
2008	Orthophosphorus	0601A_01	Entire water body	28	28	2	0.46	AD	NC	NC		No
2008	Total Phosphorus	0601A_01	Entire water body	28	28	3	0.66	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	Enterococcus	0601A_01	Entire water body	19	19		30.00	AD	FS	FS		No
2008	Fecal coliform	0601A_01	Entire water body	12	12		93.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2008	Enterococcus	0601A_01	Entire water body	19	19	3	89.00	AD	FS	FS		No
2008	Fecal coliform	0601A_01	Entire water body	12	12	2	400.00	SM	FS	FS		No

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

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### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

**Water body type:** Freshwater Stream

**Water body size:** 84 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	Aluminum	0602_01	Lower boundary to confluence with Village Creek (0608)	51	51	4	991.00	AD	FS	FS		No
2006	Aluminum	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	51	51	4	991.00	AD	FS	FS		No
2006	Aluminum	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	51	51	4	991.00	AD	FS	FS		No
2006	Aluminum	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	51	51	4	991.00	AD	FS	FS		No
2006	Metals	0602_01	Lower boundary to confluence with Village Creek (0608)	56	56	0		AD	FS	FS		No
2006	Multiple	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	56	56	0		AD	FS	FS		No
2006	Multiple	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	56	56	0		AD	FS	FS		No
2006	Multiple	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	56	56	0		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	0602_01	Lower boundary to confluence with Village Creek (0608)	56	56			AD	FS	FS		No
2006	Multiple	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	56	56			AD	FS	FS		No
2006	Multiple	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	56	56			AD	FS	FS		No
2006	Multiple	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	56	56			AD	FS	FS		No

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

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### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

**Water body type:** Freshwater Stream

**Water body size:** 84 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	0602_01	Lower boundary to confluence with Village Creek (0608)				5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0602_01	Lower boundary to confluence with Village Creek (0608)				3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0602_01	Lower boundary to confluence with Village Creek (0608)	32	32	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	92	40	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	33	33	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		3.00	ID	NA	NA		No

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### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0602_01	Lower boundary to confluence with Village Creek (0608)	32	32	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	92	40	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	33	33	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		5.00	ID	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Metals	0602_01	Lower boundary to confluence with Village Creek (0608)	2	2	0		ID	NA	NA		No
2006	Multiple	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	2	2	0		ID	NA	NA		No
2006	Multiple	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	2	2	0		ID	NA	NA		No
2006	Multiple	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	2	2	0		ID	NA	NA		No

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### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Mercury	0602_01	Lower boundary to confluence with Village Creek (0608)	7	7	5	0.70	0.53	LD	CS	CS	No
2006	Mercury	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	7	7	5	0.70	0.53	LD	CS	CS	No
2006	Mercury	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	7	7	5	0.70	0.53	LD	CS	CS	No
2006	Mercury	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	7	7	5	0.70	0.53	LD	CS	CS	No
2006	Multiple	0602_01	Lower boundary to confluence with Village Creek (0608)	7	7				LD	NC	NC	No
2006	Multiple	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	7	7				LD	NC	NC	No
2006	Multiple	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	7	7				LD	NC	NC	No
2006	Multiple	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	7	7				LD	NC	NC	No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0602_01	Lower boundary to confluence with Village Creek (0608)	36	36				AD	FS	FS	No
2006	Multiple	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	36	36				AD	FS	FS	No
2006	Multiple	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	36	36				AD	FS	FS	No
2006	Multiple	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	36	36				AD	FS	FS	No

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### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0602_01	Lower boundary to confluence with Village Creek (0608)	108	108	14.85	50.00	AD	FS	FS		No
2008	Chloride	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	108	108	14.85	50.00	AD	FS	FS		No
2008	Chloride	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	108	108	14.85	50.00	AD	FS	FS		No
2008	Chloride	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	108	108	14.85	50.00	AD	FS	FS		No
2008	Sulfate	0602_01	Lower boundary to confluence with Village Creek (0608)	86	86	18.55	50.00	AD	FS	FS		No
2008	Sulfate	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	86	86	18.55	50.00	AD	FS	FS		No
2008	Sulfate	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	86	86	18.55	50.00	AD	FS	FS		No
2008	Sulfate	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	86	86	18.55	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0602_01	Lower boundary to confluence with Village Creek (0608)	121	121	96.73	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	121	121	96.73	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	121	121	96.73	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	121	121	96.73	200.00	AD	FS	FS		No

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### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>High pH</b>												
2008	pH	0602_01	Lower boundary to confluence with Village Creek (0608)	32	32	0	8.50	AD	FS	FS		No
2008	pH	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	94	42	0	8.50	AD	FS	FS		No
2008	pH	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	33	33	0	8.50	AD	FS	FS		No
2006	pH	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		8.50	ID	NA	NA		No
<b>Low pH</b>												
2008	pH	0602_01	Lower boundary to confluence with Village Creek (0608)	32	32	1	6.00	AD	FS	FS		No
2008	pH	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	94	42	1	6.00	AD	FS	FS		No
2008	pH	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	33	33	0	6.00	AD	FS	FS		No
2006	pH	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		6.00	ID	NA	NA		No

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### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0602_01	Lower boundary to confluence with Village Creek (0608)	32	32	0	0.33	AD	NC	NC		No
2008	Ammonia	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	29	29	0	0.33	AD	NC	NC		No
2008	Ammonia	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	33	33	1	0.33	AD	NC	NC		No
2006	Ammonia	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	0602_01	Lower boundary to confluence with Village Creek (0608)	0	0		14.10	ID	NA	NA		No
2008	Chlorophyll-a	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	27	27	4	14.10	AD	NC	NC		No
2006	Chlorophyll-a	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		14.10	ID	NA	NA		No
2008	Nitrate	0602_01	Lower boundary to confluence with Village Creek (0608)	32	32	0	1.95	AD	NC	NC		No
2008	Nitrate	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	29	29	0	1.95	AD	NC	NC		No
2008	Nitrate	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	33	33	0	1.95	AD	NC	NC		No
2006	Nitrate	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		1.95	ID	NA	NA		No
2008	Orthophosphorus	0602_01	Lower boundary to confluence with Village Creek (0608)	19	19	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	29	29	0	0.37	AD	NC	NC		No

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

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### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Orthophosphorus	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	21	21	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		0.37	ID	NA	NA		No
2008	Total Phosphorus	0602_01	Lower boundary to confluence with Village Creek (0608)	32	32	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	29	29	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	32	32	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	0	0		0.69	ID	NA	NA		No
<b>Water Temperature</b>												
2008	Temperature	0602_01	Lower boundary to confluence with Village Creek (0608)	32	32	0	32.80	AD	FS	FS		No
2008	Temperature	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	99	47	2	32.80	AD	FS	FS		No
2008	Temperature	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	33	33	0	32.80	AD	FS	FS		No
2008	Temperature	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam	7	7	0	32.80	LD	NC	NC		No

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

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### Segment ID: 0602      **Neches River Below B. A. Steinhagen Lake**

**Water body type:** Freshwater Stream

**Water body size:** 84 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	0602_01	Lower boundary to confluence with Village Creek (0608)				300.00		OE	NC	NC	No
2008	Multiple	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale						OE	NC	NC	No
2008	Multiple	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013						OE	NC	NC	No
2008	Multiple	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam						OE	NC	NC	No
2008	Sulfate	0602_01	Lower boundary to confluence with Village Creek (0608)				300.00		OE	NC	NC	No
2008	Total Dissolved Solids	0602_01	Lower boundary to confluence with Village Creek (0608)				1,000.00		OE	NC	NC	No

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

2008	Multiple	0602_01	Lower boundary to confluence with Village Creek (0608)						OE	FS	FS	No
2008	Multiple	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale						OE	FS	FS	No
2008	Multiple	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013						OE	FS	FS	No
2008	Multiple	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam						OE	FS	FS	No

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

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

### Segment ID: 0602 Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

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

##### Finished Drinking Water MCLs Concern

2008	Atrazine	0602_01	Lower boundary to confluence with Village Creek (0608)						OE	NC	NC	No
2008	Multiple	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale						OE	NC	NC	No
2008	Multiple	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013						OE	NC	NC	No
2008	Multiple	0602_04	5.4 miles upstream FM 1013 to Town Bluff Dam						OE	NC	NC	No

##### Increased cost for treatment

2006	Taste and Odor	0602_01	Lower boundary to confluence with Village Creek (0608)						OE	NC	NC	No
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##### Surface Water HH criteria for PWS average

2006	Multiple	0602_01	10	10				AD	FS	FS	No
2006	Multiple	0602_02	16	16				AD	FS	FS	No
2006	Multiple	0602_03	10	10				AD	FS	FS	No

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

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### Segment ID: 0602      Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0602_01	Lower boundary to confluence with Village Creek (0608)	22	22	0	30.11	126.00	AD	FS	FS	No
2008	E. coli	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	19	19	0	38.81	126.00	AD	FS	FS	No
2008	E. coli	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	21	21	0	11.35	126.00	AD	FS	FS	No
2008	Enterococcus	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	1	1	0	30.00	35.00	ID	NA	NA	No
2008	Fecal coliform	0602_01	Lower boundary to confluence with Village Creek (0608)	18	18	0	30.59	200.00	AD	FS	FS	No
2008	Fecal coliform	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	12	12	0	26.74	200.00	AD	FS	FS	No
2008	Fecal coliform	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	20	20	0	16.02	200.00	AD	FS	FS	No

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

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### Segment ID: 0602      Neches River Below B. A. Steinhagen Lake

Water body type: Freshwater Stream

Water body size: 84 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	0602_01	Lower boundary to confluence with Village Creek (0608)	22	22	2	394.00	AD	FS	FS		No
2008	E. coli	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	19	19	2	394.00	AD	FS	FS		No
2008	E. coli	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	21	21	2	394.00	AD	FS	FS		No
2008	Enterococcus	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	1	1	0	89.00	ID	NA	NA		No
2008	Fecal coliform	0602_01	Lower boundary to confluence with Village Creek (0608)	18	18	1	400.00	AD	FS	FS		No
2008	Fecal coliform	0602_02	confluence with Village Creek (0608) to 18.4 miles upstream Evadale	12	12	1	400.00	AD	FS	FS		No
2008	Fecal coliform	0602_03	18.4 miles upstream Evadale to 5.4 miles upstream FM 1013	20	20	1	400.00	AD	FS	FS		No

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

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

### Segment ID: 0602A Booger Branch (unclassified water body)

Water body type: Freshwater Stream

Water body size: 6 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0602A_01 Entire water body	0	0			3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0602A_01 Entire water body	0	0			2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0602A_01 Entire water body	17	17	1		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0602A_01 Entire water body	17	17	1		3.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0602A_01 Entire water body	4	4	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	0602A_01 Entire water body	3	3	1		14.10	ID	NA	NA		No
2006	Nitrate	0602A_01 Entire water body	4	4	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	0602A_01 Entire water body	4	4	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	0602A_01 Entire water body	4	4	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0602A_01 Entire water body	3	3	1	365.90	126.00	ID	NA	NA		No
2006	Fecal coliform	0602A_01 Entire water body	1	1		160.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2008	E. coli	0602A_01 Entire water body	3	3	1		394.00	ID	NA	NA		No
2006	Fecal coliform	0602A_01 Entire water body	1	1	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: 0603 B. A. Steinhagen Lake

Water body type: Reservoir

Water body size: 13,700 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0603_01	Main pool by dam	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0603_02	Remainder of reservoir	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0603_01	Main pool by dam	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0603_02	Remainder of reservoir	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0603_01	Main pool by dam	110	27	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0603_02	Remainder of reservoir	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0603_01	Main pool by dam	110	27	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0603_02	Remainder of reservoir	0	0		5.00	ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Mercury	0603_01	Main pool by dam					OE	NS	NS	5c	No
2008	Mercury	0603_02	Remainder of reservoir					OE	NS	NS	5c	No

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

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### Segment ID: 0603 B. A. Steinhagen Lake

Water body type: Reservoir

Water body size: 13,700 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0603_01	Main pool by dam	28	28		15.57	50.00	AD	FS	FS	No
2008	Chloride	0603_02	Remainder of reservoir	28	28		15.57	50.00	AD	FS	FS	No
2008	Sulfate	0603_01	Main pool by dam	28	28		18.75	50.00	AD	FS	FS	No
2008	Sulfate	0603_02	Remainder of reservoir	28	28		18.75	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	0603_01	Main pool by dam	28	28		116.97	200.00	AD	FS	FS	No
2008	Total Dissolved Solids	0603_02	Remainder of reservoir	28	28		116.97	200.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0603_01	Main pool by dam	114	27	0		8.50	AD	FS	FS	No
2006	pH	0603_02	Remainder of reservoir	0	0			8.50	ID	NA	NA	No
<b>Low pH</b>												
2008	pH	0603_01	Main pool by dam	114	27	0		6.00	AD	FS	FS	No
2006	pH	0603_02	Remainder of reservoir	0	0			6.00	ID	NA	NA	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0603_01	Main pool by dam	28	28	1		0.11	AD	NC	NC	No
2006	Ammonia	0603_02	Remainder of reservoir	0	0			0.11	ID	NA	NA	No
2008	Chlorophyll-a	0603_01	Main pool by dam	27	27	0		26.70	AD	NC	NC	No
2006	Chlorophyll-a	0603_02	Remainder of reservoir	0	0			26.70	ID	NA	NA	No
2008	Nitrate	0603_01	Main pool by dam	28	28	0		0.37	AD	NC	NC	No
2006	Nitrate	0603_02	Remainder of reservoir	0	0			0.37	ID	NA	NA	No
2008	Orthophosphorus	0603_01	Main pool by dam	28	28	3		0.05	AD	NC	NC	No
2006	Orthophosphorus	0603_02	Remainder of reservoir	0	0			0.05	ID	NA	NA	No
2008	Total Phosphorus	0603_01	Main pool by dam	27	27	0		0.20	AD	NC	NC	No
2006	Total Phosphorus	0603_02	Remainder of reservoir	0	0			0.19	ID	NA	NA	No
<b>Water Temperature</b>												
2008	Temperature	0603_01	Main pool by dam	115	28	0		33.90	AD	FS	FS	No
2006	Temperature	0603_02	Remainder of reservoir	0	0			33.90	ID	NA	NA	No

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### Segment ID: 0603 B. A. Steinhagen Lake

Water body type: Reservoir

Water body size: 13,700 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	0603_01						OE	NC	NC		No
2008	Multiple	0603_02						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0603_01						OE	FS	FS		No
2008	Multiple	0603_02						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0603_01						OE	NC	NC		No
2008	Multiple	0603_02						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	0603_01	19	19		0.06		AD	FS	FS		No
2006	Multiple	0603_02	19	19		0.06		AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0603_01	19	19	0	9.46	126.00	AD	FS	FS		No
2006	E. coli	0603_02	0	0			126.00	ID	NA	NA		No
2008	Fecal coliform	0603_01	12	12	0	16.17	200.00	AD	FS	FS		No
2006	Fecal coliform	0603_02	0	0			200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2008	E. coli	0603_01	19	19	0		394.00	AD	FS	FS		No
2006	E. coli	0603_02	0	0			394.00	ID	NA	NA		No
2008	Fecal coliform	0603_01	12	12	1		400.00	AD	FS	FS		No
2006	Fecal coliform	0603_02	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: 0603A Sandy Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 23 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0603A_01 Lower 11.5 miles	10	10	0			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0603A_01 Lower 11.5 miles	10	10		0.62	0.24	JQ	NA	NA		No
2006	Multiple	0603A_01 Lower 11.5 miles	10	10				AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0603A_01 Lower 11.5 miles	0	0			5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0603A_01 Lower 11.5 miles	0	0			3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0603A_01 Lower 11.5 miles	26	26	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0603A_01 Lower 11.5 miles	26	26	0		5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0603A_01 Lower 11.5 miles	1	1	0			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0603A_01 Lower 11.5 miles	10	10		3.65	3,320.00	AD	FS	FS		No
2006	Lead	0603A_01 Lower 11.5 miles	9	9		0.58	25.30	LD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0603A_01 Lower 11.5 miles	26	26	1		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0603A_01 Lower 11.5 miles	0	0			14.10	ID	NA	NA		No
2006	Nitrate	0603A_01 Lower 11.5 miles	26	26	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0603A_01 Lower 11.5 miles	20	20	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	0603A_01 Lower 11.5 miles	25	25	0		0.69	AD	NC	NC		No

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

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### Segment ID: 0603A Sandy 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>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0603A_01 Lower 11.5 miles	15	15		327.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0603A_01 Lower 11.5 miles	21	21		144.00	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0603A_01 Lower 11.5 miles	15	15	5		394.00	AD	CN	CN		No
2006	Fecal coliform	0603A_01 Lower 11.5 miles	21	21	5		400.00	SM	FS	FS		No

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

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

### Segment ID: 0603B Wolf Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 12 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0603B_01 Entire creek	10	10				AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0603B_01 Entire creek	10	10				AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0603B_01 Entire creek	0	0			5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0603B_01 Entire creek	0	0			3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0603B_01 Entire creek	26	26	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0603B_01 Entire creek	26	26	0		5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0603B_01 Entire creek	1	1	0			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0603B_01 Entire creek	10	10		3.65	3,320.00	AD	FS	FS		No
2006	Lead	0603B_01 Entire creek	9	9		0.43	25.30	LD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0603B_01 Entire creek	26	26	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0603B_01 Entire creek	0	0			14.10	ID	NA	NA		No
2006	Nitrate	0603B_01 Entire creek	26	26	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0603B_01 Entire creek	20	20	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	0603B_01 Entire creek	25	25	0		0.69	AD	NC	NC		No

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

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### Segment ID: 0603B Wolf 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>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2006	E. coli	0603B_01	Entire creek	15	15		300.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0603B_01	Entire creek	21	21		126.00	200.00	SM	NC	NC		No
<b>Bacteria Single Sample</b>													
2006	E. coli	0603B_01	Entire creek	15	15	5		394.00	AD	CN	CN		No
2006	Fecal coliform	0603B_01	Entire creek	21	21	4		400.00	SM	FS	FS		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: 0604 Neches River Below Lake Palestine

**Water body type:** Freshwater Stream

**Water body size:** 225 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	0604_01	Lower boundary to US 69						AD	FS	FS		No	
2006	Multiple	0604_02	From US 69 to SH 94						AD	FS	FS		No	
2006	Multiple	0604_03	From SH 94 to SH 21						LD	FS	FS		No	
2006	Multiple	0604_04	From SH 21 to US 84						TR	NA	NA		No	
<b>Chronic Toxic Substances in water</b>														
2008	Lead	0604_04	From SH 21 to US 84						ID	NA	NS	5c	Yes	
<b>Dissolved Oxygen 24hr average</b>														
2008	Dissolved Oxygen 24hr Avg	0604_02	From US 69 to SH 94				4	4	0	5.00	LD	NC	NC	No
2008	Dissolved Oxygen 24hr Avg	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County				17	17	0	5.00	AD	FS	FS	No
<b>Dissolved Oxygen 24hr minimum</b>														
2008	Dissolved Oxygen 24hr Min	0604_02	From US 69 to SH 94				4	4	0	3.00	LD	NC	NC	No
2008	Dissolved Oxygen 24hr Min	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County				17	17	0	3.00	AD	FS	FS	No
<b>Dissolved Oxygen grab minimum</b>														
2008	Dissolved Oxygen Grab	0604_01	Lower boundary to US 69				42	42	0	3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	0604_02	From US 69 to SH 94				115	28	0	3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	0604_03	From SH 94 to SH 21				109	25	0	3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	0604_04	From SH 21 to US 84				28	28	0	3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County				80	80	0	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: 0604      **Neches River Below Lake Palestine**

**Water body type:** Freshwater Stream

**Water body size:** 225 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	0604_01	Lower boundary to US 69	42	42	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0604_02	From US 69 to SH 94	115	28	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0604_03	From SH 94 to SH 21	109	25	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0604_04	From SH 21 to US 84	28	28	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	80	80	6	5.00	SM	NC	NC		No

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

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### Segment ID: 0604 Neches River Below Lake Palestine

**Water body type:** Freshwater Stream

**Water body size:** 225 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	0604_01	Lower boundary to US 69	203	203		23.13	50.00	AD	FS	FS	No
2008	Chloride	0604_02	From US 69 to SH 94	203	203		23.13	50.00	AD	FS	FS	No
2008	Chloride	0604_03	From SH 94 to SH 21	203	203		23.13	50.00	AD	FS	FS	No
2008	Chloride	0604_04	From SH 21 to US 84	203	203		23.13	50.00	AD	FS	FS	No
2008	Chloride	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	203	203		23.13	50.00	AD	FS	FS	No
2008	Sulfate	0604_01	Lower boundary to US 69	203	203		21.95	50.00	AD	FS	FS	No
2008	Sulfate	0604_02	From US 69 to SH 94	203	203		21.95	50.00	AD	FS	FS	No
2008	Sulfate	0604_03	From SH 94 to SH 21	203	203		21.95	50.00	AD	FS	FS	No
2008	Sulfate	0604_04	From SH 21 to US 84	203	203		21.95	50.00	AD	FS	FS	No
2008	Sulfate	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	203	203		21.95	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	0604_01	Lower boundary to US 69	210	210		132.74	200.00	AD	FS	FS	No
2008	Total Dissolved Solids	0604_02	From US 69 to SH 94	210	210		132.74	200.00	AD	FS	FS	No
2008	Total Dissolved Solids	0604_03	From SH 94 to SH 21	210	210		132.74	200.00	AD	FS	FS	No
2008	Total Dissolved Solids	0604_04	From SH 21 to US 84	210	210		132.74	200.00	AD	FS	FS	No
2008	Total Dissolved Solids	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	210	210		132.74	200.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0604_01	Lower boundary to US 69	42	42	1		8.50	AD	FS	FS	No
2008	pH	0604_02	From US 69 to SH 94	115	28	0		8.50	AD	FS	FS	No
2008	pH	0604_03	From SH 94 to SH 21	109	25	0		8.50	AD	FS	FS	No
2008	pH	0604_04	From SH 21 to US 84	28	28	0		8.50	AD	FS	FS	No
2008	pH	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	80	80	0		8.50	AD	FS	FS	No

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

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### Segment ID: 0604      **Neches River Below Lake Palestine**

**Water body type:** Freshwater Stream

**Water body size:** 225 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	0604_01	Lower boundary to US 69	42	42	3	6.00	AD	FS	FS		No
2008	pH	0604_02	From US 69 to SH 94	115	28	0	6.00	AD	FS	FS		No
2008	pH	0604_03	From SH 94 to SH 21	109	25	0	6.00	AD	FS	FS		No
2008	pH	0604_04	From SH 21 to US 84	28	28	0	6.00	AD	FS	FS		No
2008	pH	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	80	80	0	6.00	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: 0604 Neches River Below Lake Palestine

**Water body type:** Freshwater Stream

**Water body size:** 225 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	0604_01	Lower boundary to US 69	40	40	12	0.33	AD	CS	CS		No
2008	Ammonia	0604_02	From US 69 to SH 94	28	28	0	0.33	AD	NC	NC		No
2008	Ammonia	0604_03	From SH 94 to SH 21	25	25	0	0.33	AD	NC	NC		No
2008	Ammonia	0604_04	From SH 21 to US 84	28	28	0	0.33	AD	NC	NC		No
2008	Ammonia	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	70	70	2	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0604_01	Lower boundary to US 69	12	12	4	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0604_02	From US 69 to SH 94	28	28	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0604_03	From SH 94 to SH 21	25	25	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0604_04	From SH 21 to US 84	28	28	8	14.10	AD	CS	CS		No
2008	Chlorophyll-a	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	52	52	16	14.10	AD	CS	CS		No
2008	Nitrate	0604_01	Lower boundary to US 69	39	39	0	1.95	AD	NC	NC		No
2008	Nitrate	0604_02	From US 69 to SH 94	28	28	0	1.95	AD	NC	NC		No
2008	Nitrate	0604_03	From SH 94 to SH 21	25	25	0	1.95	AD	NC	NC		No
2008	Nitrate	0604_04	From SH 21 to US 84	28	28	0	1.95	AD	NC	NC		No
2008	Nitrate	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	75	75	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0604_01	Lower boundary to US 69	34	34	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0604_02	From US 69 to SH 94	28	28	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0604_03	From SH 94 to SH 21	25	25	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0604_04	From SH 21 to US 84	28	28	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	80	80	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	0604_01	Lower boundary to US 69	13	13	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0604_02	From US 69 to SH 94	28	28	0	0.69	AD	NC	NC		No

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

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### Segment ID: 0604      **Neches River Below Lake Palestine**

**Water body type:** Freshwater Stream

**Water body size:** 225 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	0604_03	From SH 94 to SH 21	24	24	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0604_04	From SH 21 to US 84	28	28	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	51	51	0	0.69	AD	NC	NC		No

##### **Water Temperature**

2008	Temperature	0604_01	Lower boundary to US 69	46	46	1	32.80	AD	FS	FS		No
2008	Temperature	0604_02	From US 69 to SH 94	115	28	0	32.80	AD	FS	FS		No
2008	Temperature	0604_03	From SH 94 to SH 21	109	25	0	32.80	AD	FS	FS		No
2008	Temperature	0604_04	From SH 21 to US 84	28	28	0	32.80	AD	FS	FS		No
2008	Temperature	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	82	82	0	32.80	AD	FS	FS		No

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### Segment ID: 0604 Neches River Below Lake Palestine

Water body type: Freshwater Stream

Water body size: 225 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	0604_01	Lower boundary to US 69				300.00	OE	NC	NC		No
2008	Chloride	0604_02	From US 69 to SH 94				300.00	OE	NC	NC		No
2008	Chloride	0604_03	From SH 94 to SH 21				300.00	OE	NC	NC		No
2008	Chloride	0604_04	From SH 21 to US 84				300.00	OE	NC	NC		No
2008	Chloride	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County				300.00	OE	NC	NC		No
2008	Sulfate	0604_01	Lower boundary to US 69				300.00	OE	NC	NC		No
2008	Sulfate	0604_02	From US 69 to SH 94				300.00	OE	NC	NC		No
2008	Sulfate	0604_03	From SH 94 to SH 21				300.00	OE	NC	NC		No
2008	Sulfate	0604_04	From SH 21 to US 84				300.00	OE	NC	NC		No
2008	Sulfate	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	0604_01	Lower boundary to US 69				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0604_02	From US 69 to SH 94				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0604_03	From SH 94 to SH 21				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0604_04	From SH 21 to US 84				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County				1,000.00	OE	NC	NC		No

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

2008	Multiple	0604_01	Lower boundary to US 69					OE	FS	FS		No
2008	Multiple	0604_02	From US 69 to SH 94					OE	FS	FS		No
2008	Multiple	0604_03	From SH 94 to SH 21					OE	FS	FS		No
2008	Multiple	0604_04	From SH 21 to US 84					OE	FS	FS		No
2008	Multiple	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County					OE	FS	FS		No

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

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### Segment ID: 0604      Neches River Below Lake Palestine

Water body type: Freshwater Stream

Water body size: 225 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	0604_01	Lower boundary to US 69						OE	NC	NC	No
2008	Multiple	0604_02	From US 69 to SH 94						OE	NC	NC	No
2008	Multiple	0604_03	From SH 94 to SH 21						OE	NC	NC	No
2008	Multiple	0604_04	From SH 21 to US 84						OE	NC	NC	No
2008	Multiple	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County						OE	NC	NC	No

##### Surface Water Toxic Substances average concern

2008	Atrazine	0604_02	From US 69 to SH 94				1	1	0	1.50	3.00	ID	NA	NA	No
2008	MTBE	0604_02	From US 69 to SH 94				3	3	0	1.08	240.00	ID	NA	NA	No

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### Segment ID: 0604 Neches River Below Lake Palestine

Water body type: Freshwater Stream

Water body size: 225 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0604_01	Lower boundary to US 69	13	13	0	53.39	126.00	AD	FS	FS	No
2008	E. coli	0604_02	From US 69 to SH 94	19	19	0	124.54	126.00	AD	FS	FS	No
2008	E. coli	0604_03	From SH 94 to SH 21	19	19	0	121.56	126.00	AD	FS	FS	No
2008	E. coli	0604_04	From SH 21 to US 84	22	22	0	47.31	126.00	AD	FS	FS	No
2008	E. coli	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	41	41	0	58.27	126.00	AD	FS	FS	No
2008	Enterococcus	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	1	1	0	34.00	35.00	ID	NA	NA	No
2008	Fecal coliform	0604_02	From US 69 to SH 94	13	13	0	115.58	200.00	AD	FS	FS	No
2008	Fecal coliform	0604_03	From SH 94 to SH 21	8	8	0	120.69	200.00	SM	NA	NA	No
2008	Fecal coliform	0604_04	From SH 21 to US 84	4	4	0	50.33	200.00	SM	NA	NA	No
2008	Fecal coliform	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	9	9	0	61.54	200.00	SM	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0604_01	Lower boundary to US 69	13	13	1		394.00	AD	FS	FS	No
2008	E. coli	0604_02	From US 69 to SH 94	19	19	2		394.00	AD	FS	FS	No
2008	E. coli	0604_03	From SH 94 to SH 21	19	19	3		394.00	AD	FS	FS	No
2008	E. coli	0604_04	From SH 21 to US 84	22	22	2		394.00	AD	FS	FS	No
2008	E. coli	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	41	41	3		394.00	AD	FS	FS	No
2008	Enterococcus	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	1	1	0		89.00	ID	NA	NA	No
2008	Fecal coliform	0604_02	From US 69 to SH 94	13	13	3		400.00	AD	FS	FS	No
2008	Fecal coliform	0604_03	From SH 94 to SH 21	8	8	2		400.00	SM	NA	NA	No
2008	Fecal coliform	0604_04	From SH 21 to US 84	4	4	0		400.00	SM	NA	NA	No
2008	Fecal coliform	0604_05	From US 84 to Blackburn Crossing Dam in Anderson/Cherokee County	9	9	0		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: 0604A Cedar Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 23 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0604A_02 Upper area upstream of FM 2497	28	28	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0604A_02 Upper area upstream of FM 2497	28	28	2		4.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0604A_02 Upper area upstream of FM 2497	26	26	16		0.33	AD	CS	CS		No
2006	Chlorophyll-a	0604A_02 Upper area upstream of FM 2497	10	10	0		14.10	AD	NC	NC		No
2006	Nitrate	0604A_02 Upper area upstream of FM 2497	28	28	13		1.95	AD	CS	CS		No
2006	Orthophosphorus	0604A_02 Upper area upstream of FM 2497	28	28	14		0.37	AD	CS	CS		No
2006	Total Phosphorus	0604A_02 Upper area upstream of FM 2497	28	28	16		0.69	AD	CS	CS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0604A_01 Lower area downstream of FM 2497						ID	NA	NS	5c	Yes
2006	E. coli	0604A_02 Upper area upstream of FM 2497	26	26		306.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0604A_01 Lower area downstream of FM 2497						ID	NA	NS	5c	Yes
<b>Bacteria Single Sample</b>												
2006	E. coli	0604A_02 Upper area upstream of FM 2497	26	26	4		394.00	AD	FS	FS		No

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### Segment ID: 0604B Hurricane Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 4 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>General Use</b>													
<b>Nutrient Screening Levels</b>													
2006	Ammonia	0604B_01	Entire Segment as described in Appendix D	20	20	4	0.33	AD	NC	NC		No	
2006	Chlorophyll-a	0604B_01	Entire Segment as described in Appendix D	5	5	0	14.10	LD	NC	NC		No	
2006	Nitrate	0604B_01	Entire Segment as described in Appendix D	20	20	1	1.95	AD	NC	NC		No	
2006	Orthophosphorus	0604B_01	Entire Segment as described in Appendix D	20	20	1	0.37	AD	NC	NC		No	
2006	Total Phosphorus	0604B_01	Entire Segment as described in Appendix D	20	20	3	0.69	AD	NC	NC		No	
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2006	E. coli	0604B_01	Entire Segment as described in Appendix D	17	17		406.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0604B_01	Entire Segment as described in Appendix D	11	11		103.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>													
2006	E. coli	0604B_01	Entire Segment as described in Appendix D	17	17	10	394.00	AD	NS	NS	5c	No	
2006	Fecal coliform	0604B_01	Entire Segment as described in Appendix D	11	11	0	200.00	AD	FS	FS		No	

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### Segment ID: 0604C Jack Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 16 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	0604C_01 Entire water body	10	10	2		991.00	JQ	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0604C_01 Entire water body	17	16	5		0.33	AD	CS	CS		No
2006	Chlorophyll-a	0604C_01 Entire water body	5	5	0		14.10	LD	NC	NC		No
2006	Nitrate	0604C_01 Entire water body	17	16	10		1.95	AD	CS	CS		No
2006	Orthophosphorus	0604C_01 Entire water body	17	16	12		0.37	AD	CS	CS		No
2006	Total Phosphorus	0604C_01 Entire water body	17	16	11		0.69	AD	CS	CS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0604C_01 Entire water body	17	17		213.80	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0604C_01 Entire water body	11	10		78.60	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0604C_01 Entire water body	17	17	3		394.00	AD	FS	FS		No
2006	Fecal coliform	0604C_01 Entire water body	11	10	1		400.00	SM	FS	FS		No

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### Segment ID: 0604D Piney Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 70 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0604D_01 Lower 25 miles	10	10		0.80	0.69	JQ	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0604D_01 Lower 25 miles	22	19	4		3.00	AD	NS	NS	5c	No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0604D_01 Lower 25 miles	22	19	10		5.00	AD	CS	CS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0604D_01 Lower 25 miles	20	20	3		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0604D_01 Lower 25 miles	5	5	0		14.10	LD	NC	NC		No
2006	Nitrate	0604D_01 Lower 25 miles	20	20	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0604D_01 Lower 25 miles	20	20	1		0.37	AD	NC	NC		No
2006	Total Phosphorus	0604D_01 Lower 25 miles	20	20	4		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0604D_01 Lower 25 miles	17	15		144.70	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0604D_01 Lower 25 miles	11	9		88.50	200.00	LD	NC	NC		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0604D_01 Lower 25 miles	17	15	2		394.00	AD	FS	FS		No
2006	Fecal coliform	0604D_01 Lower 25 miles	11	9	2		400.00	LD	NC	NC		No

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### Segment ID: 0604H One Eye Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 9 Miles

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

##### **Dissolved Oxygen grab minimum**

2006	Dissolved Oxygen Grab	0604H_01 Entire length	17	17	2	3.00	AD	FS	FS		No
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##### **Dissolved Oxygen grab screening level**

2006	Dissolved Oxygen Grab	0604H_01 Entire length	17	17	2	4.00	AD	NC	NC		No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 0604M Biloxi Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 23 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0604M_02 Lower portion below CR 228	10	10		1.71	0.69	JQ	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0604M_02 Lower portion below CR 228	8	8	1		3.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Avg	0604M_03 Upper portion above CR 228	6	6	4		3.00	LD	NS	NS	5c	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0604M_02 Lower portion below CR 228	8	8	0		2.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Min	0604M_03 Upper portion above CR 228	6	6	1		2.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0604M_02 Lower portion below CR 228	22	21	0		2.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0604M_03 Upper portion above CR 228	12	11	0		2.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0604M_02 Lower portion below CR 228	22	21	0		3.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0604M_03 Upper portion above CR 228	12	11	0		3.00	SM	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0604M_02 Lower portion below CR 228	19	19	4		0.33	AD	NC	NC		No
2006	Ammonia	0604M_03 Upper portion above CR 228	12	12	1		1.95	AD	NC	NC		No
2006	Chlorophyll-a	0604M_02 Lower portion below CR 228	5	5	1		14.10	AD	NC	NC		No
2006	Nitrate	0604M_02 Lower portion below CR 228	19	19	0		1.95	AD	NC	NC		No
2006	Nitrate	0604M_03 Upper portion above CR 228	12	12	3		0.33	AD	NC	NC		No
2006	Orthophosphorus	0604M_02 Lower portion below CR 228	17	17	1		0.37	AD	NC	NC		No
2006	Orthophosphorus	0604M_03 Upper portion above CR 228	11	11	1		0.37	AD	NC	NC		No
2006	Total Phosphorus	0604M_02 Lower portion below CR 228	19	19	4		0.69	AD	NC	NC		No
2006	Total Phosphorus	0604M_03 Upper portion above CR 228	11	11	4		0.69	AD	CS	CS		No

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### Segment ID: 0604M Biloxi 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>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2006	E. coli	0604M_02	Lower portion below CR 228	20	19		289.80	126.00	AD	NS	NS	5c	No
2006	E. coli	0604M_03	Upper portion above CR 228	12	11		221.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0604M_02	Lower portion below CR 228	11	11		282.20	200.00	SM	NS	NS		No
<b>Bacteria Single Sample</b>													
2006	E. coli	0604M_02	Lower portion below CR 228	20	19	6	394.00	AD	CN	CN			No
2006	E. coli	0604M_03	Upper portion above CR 228	12	11	3	394.00	AD	FS	FS			No
2006	Fecal coliform	0604M_02	Lower portion below CR 228	11	10	2	400.00	SM	FS	FS			No

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### Segment ID: 0604N Buck Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 23 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	0604N_01 Lower 13.6 miles near FM 1818	10	10	3		991.00	JQ	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0604N_01 Lower 13.6 miles near FM 1818	10	10		0.93	0.69	JQ	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0604N_01 Lower 13.6 miles near FM 1818	21	20	0		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0604N_01 Lower 13.6 miles near FM 1818	21	20	0		3.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0604N_01 Lower 13.6 miles near FM 1818	19	19	3		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0604N_01 Lower 13.6 miles near FM 1818	5	5	1		14.10	LD	NC	NC		No
2006	Nitrate	0604N_01 Lower 13.6 miles near FM 1818	19	19	1		1.95	AD	NC	NC		No
2006	Orthophosphorus	0604N_01 Lower 13.6 miles near FM 1818	18	18	1		0.37	AD	NC	NC		No
2006	Total Phosphorus	0604N_01 Lower 13.6 miles near FM 1818	19	19	2		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0604N_01 Lower 13.6 miles near FM 1818	16	16		118.00	126.00	AD	FS	FS		No
2006	Fecal coliform	0604N_01 Lower 13.6 miles near FM 1818	10	10		96.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0604N_01 Lower 13.6 miles near FM 1818	16	16	2		394.00	AD	FS	FS		No
2006	Fecal coliform	0604N_01 Lower 13.6 miles near FM 1818	10	10	2		400.00	AD	FS	FS		No

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**Segment ID:** 0604T      **Lake Ratcliff (unclassified water body)**

**Water body type:** Reservoir

**Water body size:** 53 Acres

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

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

2006	Mercury	0604T_01	Entire lake					OE	NS	NS	5c	No
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## 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: 0605 Lake Palestine**

**Water body type:** Reservoir

**Water body size:** 23,500 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	0605_03	Mid-lake near Tyler PWS intake	2	2	0		ID	NA	NA		No
2006	Metals	0605_05	Indian Creek Cove	6	6			LD	NC	NC		No
2006	Metals	0605_06	Headwaters (Neches River)	2	2			ID	NA	NA		No
2006	Multiple	0605_01	Lower portion of reservoir near dam	3	3	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	0605_03	Mid-lake near Tyler PWS intake	2	2			ID	NA	NA		No
2006	Metals	0605_05	Indian Creek Cove	6	6			LD	NC	NC		No
2006	Metals	0605_06	Headwaters (Neches River)	2	2			ID	NA	NA		No
2006	Multiple	0605_01	Lower portion of reservoir near dam	3	3			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0605_01	Lower portion of reservoir near dam	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0605_03	Mid-lake near Tyler PWS intake	11	11	1	5.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Avg	0605_06	Headwaters (Neches River)	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0605_07	Headwaters (Kickapoo Creek arm)	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0605_08	Flat Creek Headwaters	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0605_09	Flat Creek arm	11	11	0	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	0605_10	Upper Lake	10	10	1	5.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0605_01	Lower portion of reservoir near dam	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0605_03	Mid-lake near Tyler PWS intake	11	11	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Min	0605_06	Headwaters (Neches River)	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0605_07	Headwaters (Kickapoo Creek arm)	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0605_08	Flat Creek Headwaters	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0605_09	Flat Creek arm	11	11	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0605_10	Upper Lake	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: 0605 Lake Palestine

Water body type: Reservoir

Water body size: 23,500 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0605_01	Lower portion of reservoir near dam	265	34	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0605_03	Mid-lake near Tyler PWS intake	182	38	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0605_04	Upper lake (Neches arm)	39	25	2	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0605_06	Headwaters (Neches River)	40	27	0	3.00	JQ	NA	NA		No
2008	Dissolved Oxygen Grab	0605_07	Headwaters (Kickapoo Creek arm)	23	22	3	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0605_08	Flat Creek Headwaters	8	8	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0605_09	Flat Creek arm	45	19	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0605_10	Upper Lake	21	10	0	3.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0605_01	Lower portion of reservoir near dam	265	34	9	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0605_03	Mid-lake near Tyler PWS intake	182	38	1	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0605_04	Upper lake (Neches arm)	39	25	5	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0605_06	Headwaters (Neches River)	40	27	2	5.00	JQ	NA	NA		No
2008	Dissolved Oxygen Grab	0605_07	Headwaters (Kickapoo Creek arm)	23	22	5	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0605_08	Flat Creek Headwaters	8	8	4	5.00	LD	CS	CS		No
2008	Dissolved Oxygen Grab	0605_09	Flat Creek arm	45	19	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0605_10	Upper Lake	21	10	1	5.00	SM	NC	NC		No
<b>Elutriate Toxicity tests in sediment</b>												
2006	Sediment Elutriate Toxicity	0605_03	Mid-lake near Tyler PWS intake	6	6	4		LD				No
<b>LOE Toxic Sediment condition</b>												
2008	Sediment Toxicity (LOE)	0605_03	Mid-lake near Tyler PWS intake					JQ	CN	CN		No

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**Segment ID: 0605 Lake Palestine**

**Water body type:** Reservoir

**Water body size:** 23,500 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>
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### Aquatic Life Use

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

2006	Manganese	0605_03	Mid-lake near Tyler PWS intake	8	7	3		LD	CS	CS		No
2006	Metals	0605_03	Mid-lake near Tyler PWS intake	8	7	0		LD	NC	NC		No
2006	Metals	0605_05	Indian Creek Cove	2	2			ID	NA	NA		No
2006	Metals	0605_06	Headwaters (Neches River)	2	2			ID	NA	NA		No
2006	Multiple	0605_01	Lower portion of reservoir near dam	2	2			ID	NA	NA		No
2006	Organics	0605_03	Mid-lake near Tyler PWS intake	5	5			LD	NC	NC		No

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### Segment ID: 0605 Lake Palestine

Water body type: Reservoir

Water body size: 23,500 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	0605_01	Lower portion of reservoir near dam	5	5	1		LD	NC	NC		No
2006	Multiple	0605_03	Mid-lake near Tyler PWS intake	5	5			LD	NC	NC		No
2006	Multiple	0605_04	Upper lake (Neches arm)	5	5			LD	NC	NC		No
2006	Multiple	0605_05	Indian Creek Cove	5	5			LD	NC	NC		No
2006	Multiple	0605_06	Headwaters (Neches River)	5	5			LD	NC	NC		No
2006	Multiple	0605_07	Headwaters (Kickapoo Creek arm)	5	5			LD	NC	NC		No
2006	Multiple	0605_08	Flat Creek Headwaters	5	5			LD	NC	NC		No
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Mercury	0605_01	Lower portion of reservoir near dam					OE	FS	FS		No
2008	Mercury	0605_02	Lower Mid-lake near SH 155					OE	FS	FS		No
2008	Mercury	0605_03	Mid-lake near Tyler PWS intake					OE	FS	FS		No
2008	Mercury	0605_04	Upper lake (Neches arm)					OE	FS	FS		No
2008	Mercury	0605_05	Indian Creek Cove					OE	FS	FS		No
2008	Mercury	0605_06	Headwaters (Neches River)					JQ	NA	NA		No
2008	Mercury	0605_07	Headwaters (Kickapoo Creek arm)					OE	FS	FS		No
2008	Mercury	0605_08	Flat Creek Headwaters					OE	FS	FS		No
2008	Mercury	0605_09	Flat Creek arm					OE	FS	FS		No
2008	Mercury	0605_10	Upper Lake					OE	FS	FS		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0605_01	Lower portion of reservoir near dam	2	2			LD	NA	NA		No
2006	Multiple	0605_03	Mid-lake near Tyler PWS intake	2	2			ID	NA	NA		No
2006	Multiple	0605_05	Indian Creek Cove	5	5		0.00	LD	NC	NC		No
2006	Multiple	0605_06	Headwaters (Neches River)	2	2			LD	NA	NA		No
2006	Multiple	0605_08	Flat Creek Headwaters	2	2			LD	NA	NA		No

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**Segment ID:** 0605      **Lake Palestine**

**Water body type:** Reservoir

**Water body size:** 23,500 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>
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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: 0605 Lake Palestine

Water body type: Reservoir

Water body size: 23,500 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0605_01	Lower portion of reservoir near dam	211	211	32.47	50.00	AD	FS	FS		No
2008	Chloride	0605_02	Lower Mid-lake near SH 155	211	211	32.47	50.00	AD	FS	FS		No
2008	Chloride	0605_03	Mid-lake near Tyler PWS intake	211	211	32.47	50.00	AD	FS	FS		No
2008	Chloride	0605_04	Upper lake (Neches arm)	211	211	32.47	50.00	AD	FS	FS		No
2008	Chloride	0605_05	Indian Creek Cove	211	211	32.47	50.00	AD	FS	FS		No
2008	Chloride	0605_06	Headwaters (Neches River)	211	211	32.47	50.00	JQ	NA	NA		No
2008	Chloride	0605_07	Headwaters (Kickapoo Creek arm)	211	211	32.47	50.00	AD	FS	FS		No
2008	Chloride	0605_08	Flat Creek Headwaters	211	211	32.47	50.00	AD	FS	FS		No
2008	Chloride	0605_09	Flat Creek arm	211	211	32.47	50.00	AD	FS	FS		No
2008	Chloride	0605_10	Upper Lake	211	211	32.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_01	Lower portion of reservoir near dam	211	211	26.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_02	Lower Mid-lake near SH 155	211	211	26.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_03	Mid-lake near Tyler PWS intake	211	211	26.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_04	Upper lake (Neches arm)	211	211	26.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_05	Indian Creek Cove	211	211	26.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_06	Headwaters (Neches River)	211	211	26.47	50.00	JQ	NA	NA		No
2008	Sulfate	0605_07	Headwaters (Kickapoo Creek arm)	211	211	26.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_08	Flat Creek Headwaters	211	211	26.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_09	Flat Creek arm	211	211	26.47	50.00	AD	FS	FS		No
2008	Sulfate	0605_10	Upper Lake	211	211	26.47	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_01	Lower portion of reservoir near dam	225	225	160.17	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_02	Lower Mid-lake near SH 155	225	225	160.17	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_03	Mid-lake near Tyler PWS intake	225	225	160.17	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_04	Upper lake (Neches arm)	225	225	160.17	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_05	Indian Creek Cove	225	225	160.20	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_06	Headwaters (Neches River)	225	225	160.17	200.00	JQ	NA	NA		No

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

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### Segment ID: 0605 Lake Palestine

Water body type: Reservoir

Water body size: 23,500 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Total Dissolved Solids	0605_07	Headwaters (Kickapoo Creek arm)	225	225	160.17	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_08	Flat Creek Headwaters	225	225	160.17	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_09	Flat Creek arm	225	225	160.17	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0605_10	Upper Lake	225	225	160.17	200.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	0605_01	Lower portion of reservoir near dam	265	34	1	8.50	AD	FS	FS		No
2008	pH	0605_03	Mid-lake near Tyler PWS intake	182	38	9	8.50	AD	NS	NS	5c	No
2008	pH	0605_04	Upper lake (Neches arm)	39	25	0	8.50	AD	FS	FS		No
2008	pH	0605_06	Headwaters (Neches River)	40	27	0	8.50	JQ	NA	NA		No
2008	pH	0605_07	Headwaters (Kickapoo Creek arm)	23	22	2	8.50	AD	FS	FS		No
2008	pH	0605_08	Flat Creek Headwaters	8	8	0	8.50	LD	NC	NC		No
2008	pH	0605_09	Flat Creek arm	45	19	7	8.50	AD	NS	NS	5c	No
2008	pH	0605_10	Upper Lake	21	10	4	8.50	AD	NS	NS	5c	No
<b>Low pH</b>												
2008	pH	0605_01	Lower portion of reservoir near dam	265	34	0	6.00	AD	FS	FS		No
2008	pH	0605_03	Mid-lake near Tyler PWS intake	182	38	0	6.00	AD	FS	FS		No
2008	pH	0605_04	Upper lake (Neches arm)	39	25	0	6.00	AD	FS	FS		No
2008	pH	0605_06	Headwaters (Neches River)	40	27	0	6.00	JQ	NA	NA		No
2008	pH	0605_07	Headwaters (Kickapoo Creek arm)	23	22	0	6.00	AD	FS	FS		No
2008	pH	0605_08	Flat Creek Headwaters	8	8	1	6.00	LD	NC	NC		No
2008	pH	0605_09	Flat Creek arm	45	19	0	6.00	AD	FS	FS		No
2008	pH	0605_10	Upper Lake	21	10	0	6.00	AD	FS	FS		No

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

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

### Segment ID: 0605 Lake Palestine

**Water body type:** Reservoir

**Water body size:** 23,500 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>Nutrient Screening Levels</b>												
2008	Ammonia	0605_01	Lower portion of reservoir near dam	27	27	6	0.11	AD	NC	NC		No
2008	Ammonia	0605_03	Mid-lake near Tyler PWS intake	37	37	2	0.11	AD	NC	NC		No
2008	Ammonia	0605_04	Upper lake (Neches arm)	26	26	10	0.11	AD	CS	CS		No
2008	Ammonia	0605_06	Headwaters (Neches River)	28	28	7	0.11	JQ	NA	NA		No
2008	Ammonia	0605_07	Headwaters (Kickapoo Creek arm)	22	22	17	0.11	AD	CS	CS		No
2008	Ammonia	0605_08	Flat Creek Headwaters	8	8	5	0.11	LD	CS	CS		No
2008	Ammonia	0605_09	Flat Creek arm	19	19	5	0.11	AD	NC	NC		No
2008	Ammonia	0605_10	Upper Lake	10	10	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	0605_01	Lower portion of reservoir near dam	28	28	6	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0605_03	Mid-lake near Tyler PWS intake	37	37	20	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0605_04	Upper lake (Neches arm)	26	26	3	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0605_06	Headwaters (Neches River)	25	25	1	26.70	JQ	NA	NA		No
2008	Chlorophyll-a	0605_07	Headwaters (Kickapoo Creek arm)	14	14	7	26.70	AD	CS	CS		No
2006	Chlorophyll-a	0605_08	Flat Creek Headwaters	0	0		26.70	ID	NA	NA		No
2008	Chlorophyll-a	0605_09	Flat Creek arm	19	19	14	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0605_10	Upper Lake	10	10	10	26.70	AD	CS	CS		No
2008	Nitrate	0605_01	Lower portion of reservoir near dam	29	29	4	0.37	AD	NC	NC		No
2008	Nitrate	0605_03	Mid-lake near Tyler PWS intake	37	37	0	0.37	AD	NC	NC		No
2008	Nitrate	0605_04	Upper lake (Neches arm)	26	26	24	0.37	AD	CS	CS		No
2008	Nitrate	0605_06	Headwaters (Neches River)	28	28	26	0.37	JQ	NA	NA		No
2008	Nitrate	0605_07	Headwaters (Kickapoo Creek arm)	22	22	8	0.37	AD	CS	CS		No
2008	Nitrate	0605_08	Flat Creek Headwaters	8	8	7	0.37	LD	CS	CS		No
2008	Nitrate	0605_09	Flat Creek arm	19	19	0	0.37	AD	NC	NC		No
2008	Nitrate	0605_10	Upper Lake	10	10	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0605_01	Lower portion of reservoir near dam	29	29	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	0605_03	Mid-lake near Tyler PWS intake	37	37	0	0.05	AD	NC	NC		No

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

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### Segment ID: 0605 Lake Palestine

Water body type: Reservoir

Water body size: 23,500 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Orthophosphorus	0605_04	Upper lake (Neches arm)	26	26	13	0.05	AD	CS	CS		No
2008	Orthophosphorus	0605_06	Headwaters (Neches River)	28	28	19	0.05	JQ	NA	NA		No
2008	Orthophosphorus	0605_07	Headwaters (Kickapoo Creek arm)	22	22	9	0.05	AD	CS	CS		No
2008	Orthophosphorus	0605_08	Flat Creek Headwaters	8	8	6	0.05	LD	CS	CS		No
2008	Orthophosphorus	0605_09	Flat Creek arm	19	19	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	0605_10	Upper Lake	10	10	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	0605_01	Lower portion of reservoir near dam	27	27	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	0605_03	Mid-lake near Tyler PWS intake	37	37	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	0605_04	Upper lake (Neches arm)	26	26	11	0.20	AD	CS	CS		No
2008	Total Phosphorus	0605_06	Headwaters (Neches River)	28	28	21	0.20	JQ	NA	NA		No
2008	Total Phosphorus	0605_07	Headwaters (Kickapoo Creek arm)	22	22	4	0.20	AD	NC	NC		No
2008	Total Phosphorus	0605_08	Flat Creek Headwaters	8	8	2	0.20	LD	NC	NC		No
2008	Total Phosphorus	0605_09	Flat Creek arm	19	19	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	0605_10	Upper Lake	10	10	3	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0605_01	Lower portion of reservoir near dam	265	34	0	32.20	AD	FS	FS		No
2008	Temperature	0605_03	Mid-lake near Tyler PWS intake	182	38	1	32.20	AD	FS	FS		No
2008	Temperature	0605_04	Upper lake (Neches arm)	39	25	0	32.20	AD	FS	FS		No
2008	Temperature	0605_06	Headwaters (Neches River)	40	27	0	32.20	JQ	NA	NA		No
2008	Temperature	0605_07	Headwaters (Kickapoo Creek arm)	23	22	0	32.20	AD	FS	FS		No
2008	Temperature	0605_08	Flat Creek Headwaters	8	8	0	32.20	LD	NC	NC		No
2008	Temperature	0605_09	Flat Creek arm	45	19	1	32.20	AD	FS	FS		No
2008	Temperature	0605_10	Upper Lake	21	10	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: 0605 Lake Palestine

Water body type: Reservoir

Water body size: 23,500 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>
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#### Public Water Supply Use

##### Finished Drinking Water Dissolved Solids average

2008	Multiple	0605_01	Lower portion of reservoir near dam					OE	NC	NC		No
2008	Multiple	0605_02	Lower Mid-lake near SH 155					OE	NC	NC		No
2008	Multiple	0605_03	Mid-lake near Tyler PWS intake					OE	NC	NC		No
2008	Multiple	0605_04	Upper lake (Neches arm)					OE	NC	NC		No
2008	Multiple	0605_05	Indian Creek Cove					OE	NC	NC		No
2008	Multiple	0605_06	Headwaters (Neches River)					JQ	NA	NA		No
2008	Multiple	0605_07	Headwaters (Kickapoo Creek arm)					OE	NC	NC		No
2008	Multiple	0605_08	Flat Creek Headwaters					OE	NC	NC		No
2008	Multiple	0605_09	Flat Creek arm					OE	NC	NC		No
2008	Multiple	0605_10	Upper Lake					OE	NC	NC		No

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

2008	Multiple	0605_01	Lower portion of reservoir near dam					OE	FS	FS		No
2008	Multiple	0605_02	Lower Mid-lake near SH 155					OE	FS	FS		No
2008	Multiple	0605_03	Mid-lake near Tyler PWS intake					OE	FS	FS		No
2008	Multiple	0605_04	Upper lake (Neches arm)					OE	FS	FS		No
2008	Multiple	0605_05	Indian Creek Cove					OE	FS	FS		No
2008	Multiple	0605_06	Headwaters (Neches River)					JQ	NA	NA		No
2008	Multiple	0605_07	Headwaters (Kickapoo Creek arm)					OE	FS	FS		No
2008	Multiple	0605_08	Flat Creek Headwaters					OE	FS	FS		No
2008	Multiple	0605_09	Flat Creek arm					OE	FS	FS		No
2008	Multiple	0605_10	Upper Lake					OE	FS	FS		No

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

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

### Segment ID: 0605 Lake Palestine

**Water body type:** Reservoir

**Water body size:** 23,500 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>
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#### Public Water Supply Use

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

2008	Multiple	0605_01	Lower portion of reservoir near dam					OE	NC	NC		No
2008	Multiple	0605_02	Lower Mid-lake near SH 155					OE	NC	NC		No
2008	Multiple	0605_03	Mid-lake near Tyler PWS intake					OE	NC	NC		No
2008	Multiple	0605_04	Upper lake (Neches arm)					OE	NC	NC		No
2008	Multiple	0605_05	Indian Creek Cove					OE	NC	NC		No
2008	Multiple	0605_06	Headwaters (Neches River)					JQ	NA	NA		No
2008	Multiple	0605_07	Headwaters (Kickapoo Creek arm)					OE	NC	NC		No
2008	Multiple	0605_08	Flat Creek Headwaters					OE	NC	NC		No
2008	Multiple	0605_09	Flat Creek arm					OE	NC	NC		No
2008	Multiple	0605_10	Upper Lake					OE	NC	NC		No

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

2006	Multiple	0605_01	Lower portion of reservoir near dam	2	2			ID	NA	NA		No
2006	Multiple	0605_03	Mid-lake near Tyler PWS intake	2	2			ID	NA	NA		No
2006	Multiple	0605_05	Indian Creek Cove	5	5			LD	NC	NC		No
2006	Multiple	0605_06	Headwaters (Neches River)	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: 0605 Lake Palestine

Water body type: Reservoir

Water body size: 23,500 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0605_01	Lower portion of reservoir near dam	23	23	0	1.62	126.00	AD	FS	FS	No
2008	E. coli	0605_03	Mid-lake near Tyler PWS intake	26	26	0	1.56	126.00	AD	FS	FS	No
2008	E. coli	0605_04	Upper lake (Neches arm)	22	22	0	63.07	126.00	AD	FS	FS	No
2008	E. coli	0605_06	Headwaters (Neches River)	24	24	1	164.73	126.00	JQ	NA	NA	No
2008	E. coli	0605_07	Headwaters (Kickapoo Creek arm)	22	22	0	14.53	126.00	AD	FS	FS	No
2008	E. coli	0605_08	Flat Creek Headwaters	8	8	0	61.42	126.00	LD	NC	NC	No
2008	E. coli	0605_09	Flat Creek arm	12	12	0	2.36	126.00	AD	FS	FS	No
2008	E. coli	0605_10	Upper Lake	5	5	0	1.90	126.00	LD	NC	NC	No
2008	Fecal coliform	0605_01	Lower portion of reservoir near dam	9	9	0	2.42	200.00	SM	NA	NA	No
2008	Fecal coliform	0605_03	Mid-lake near Tyler PWS intake	4	4	0	1.32	200.00	SM	NA	NA	No
2008	Fecal coliform	0605_04	Upper lake (Neches arm)	5	5	0	63.40	200.00	SM	NA	NA	No
2008	Fecal coliform	0605_06	Headwaters (Neches River)	4	4	0	31.03	200.00	JQ	NA	NA	No
2008	Fecal coliform	0605_07	Headwaters (Kickapoo Creek arm)	4	4	0	17.88	200.00	SM	NA	NA	No
2008	Fecal coliform	0605_08	Flat Creek Headwaters	4	4	0	51.35	200.00	LD	NC	NC	No
2006	Fecal coliform	0605_09	Flat Creek arm	0	0			200.00	ID	NA	NA	No

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

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### Segment ID: 0605 Lake Palestine

Water body type: Reservoir

Water body size: 23,500 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	0605_01	Lower portion of reservoir near dam	23	23	0	394.00	AD	FS	FS		No
2008	E. coli	0605_03	Mid-lake near Tyler PWS intake	26	26	0	394.00	AD	FS	FS		No
2008	E. coli	0605_04	Upper lake (Neches arm)	22	22	2	394.00	AD	FS	FS		No
2008	E. coli	0605_06	Headwaters (Neches River)	24	24	5	394.00	JQ	NA	NA		No
2008	E. coli	0605_07	Headwaters (Kickapoo Creek arm)	22	22	1	394.00	AD	FS	FS		No
2008	E. coli	0605_08	Flat Creek Headwaters	8	8	0	394.00	LD	NC	NC		No
2008	E. coli	0605_09	Flat Creek arm	12	12	0	394.00	AD	FS	FS		No
2008	E. coli	0605_10	Upper Lake	5	5	0	394.00	LD	NC	NC		No
2008	Fecal coliform	0605_01	Lower portion of reservoir near dam	9	9	0	400.00	SM	NA	NA		No
2008	Fecal coliform	0605_03	Mid-lake near Tyler PWS intake	4	4	0	400.00	SM	NA	NA		No
2008	Fecal coliform	0605_04	Upper lake (Neches arm)	5	5	0	400.00	SM	NA	NA		No
2008	Fecal coliform	0605_06	Headwaters (Neches River)	4	4	0	400.00	JQ	NA	NA		No
2008	Fecal coliform	0605_07	Headwaters (Kickapoo Creek arm)	4	4	0	400.00	SM	NA	NA		No
2008	Fecal coliform	0605_08	Flat Creek Headwaters	4	4	0	400.00	LD	NC	NC		No
2006	Fecal coliform	0605_09	Flat Creek arm	0	0		400.00	ID	NA	NA		No

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### Segment ID: 0605A Kickapoo Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 43 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Copper	0605A_01	Downstream of FM 1803	10	10	2	6.30	JQ	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0605A_01	Downstream of FM 1803	8	8	4	3.00	LD	NS	NS	5c	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0605A_01	Downstream of FM 1803	8	8	4	2.00	LD	NS	NS	5c	No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0605A_01	Downstream of FM 1803	19	16	0	2.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0605A_01	Downstream of FM 1803	19	16	1	3.00	SM	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0605A_01	Downstream of FM 1803	20	20	11	0.33	AD	CS	CS		No
2006	Chlorophyll-a	0605A_01	Downstream of FM 1803	5	5	3	14.10	LD	CS	CS		No
2006	Nitrate	0605A_01	Downstream of FM 1803	20	20	3	1.95	AD	NC	NC		No
2006	Orthophosphorus	0605A_01	Downstream of FM 1803	19	19	6	0.37	AD	CS	CS		No
2006	Total Phosphorus	0605A_01	Downstream of FM 1803	19	19	7	0.69	AD	CS	CS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0605A_01	Downstream of FM 1803	16	13		174.00	AD	NS	NS	5c	No
2006	Fecal coliform	0605A_01	Downstream of FM 1803	11	10		206.00	SM	NS	NS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0605A_01	Downstream of FM 1803	16	13	2	394.00	AD	FS	FS		No
2006	Fecal coliform	0605A_01	Downstream of FM 1803	11	10	2	400.00	SM	FS	FS		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: 0605F Lake Athens (unclassified water body)

Water body type: Reservoir

Water body size: 1,473 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0605F_01 Entire lake	17	17	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0605F_01 Entire lake	17	17	0		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>High pH</b>												
2006	pH	0605F_01 Entire lake	17	17	0		8.50	AD	FS	FS		No
<b>Low pH</b>												
2006	pH	0605F_01 Entire lake	17	17	0		6.00	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0605F_01 Entire lake	18	18	0		0.11	AD	NC	NC		No
2006	Chlorophyll-a	0605F_01 Entire lake	18	18	0		26.70	AD	NC	NC		No
2006	Nitrate	0605F_01 Entire lake	18	18	0		0.37	AD	NC	NC		No
2006	Orthophosphorus	0605F_01 Entire lake	18	18	0		0.05	AD	NC	NC		No
2006	Total Phosphorus	0605F_01 Entire lake	18	18	0		0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2006	Temperature	0605F_01 Entire lake	17	17	0		32.20	AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0605F_01 Entire lake	16	16		1.25	126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0605F_01 Entire lake	16	16	0		394.00	AD	FS	FS		No

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

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### Segment ID: 0606 Neches River Above Lake Palestine

Water body type: Freshwater Stream

Water body size: 27 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Zinc	0606_02	Prairie Creek to river mile 7.0	10	10	2	32.95	AD	NS	NS	5c	No
<b>Chronic Toxic Substances in water</b>												
2006	Zinc	0606_02	Prairie Creek to river mile 7.0	10	10	2	32.80	AD	NS	NS	5c	No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0606_01	Lower boundary to Prairie Creek	3	3	0	4.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0606_02	Prairie Creek to river mile 7.0	3	3	2	4.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0606_03	River mile 7.0 to headwaters	4	4	2	4.00	LD	CN	CN		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0606_01	Lower boundary to Prairie Creek	3	3	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0606_02	Prairie Creek to river mile 7.0	3	3	2	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0606_03	River mile 7.0 to headwaters	4	4	1	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0606_01	Lower boundary to Prairie Creek	28	28	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0606_02	Prairie Creek to river mile 7.0	29	29	14	3.00	AD	NS	NS	5c	No
2008	Dissolved Oxygen Grab	0606_03	River mile 7.0 to headwaters	14	14	2	3.00	AD	FS	NS	5c	Yes
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0606_01	Lower boundary to Prairie Creek	28	28	0	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0606_02	Prairie Creek to river mile 7.0	29	29	16	4.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0606_03	River mile 7.0 to headwaters	14	14	2	4.00	AD	NC	NC		No

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

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### Segment ID: 0606 Neches River Above Lake Palestine

Water body type: Freshwater Stream

Water body size: 27 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0606_01	Lower boundary to Prairie Creek	71	71		47.94	100.00	AD	FS	FS	No
2008	Chloride	0606_02	Prairie Creek to river mile 7.0	71	71		47.94	100.00	AD	FS	FS	No
2008	Chloride	0606_03	River mile 7.0 to headwaters	71	71		47.94	100.00	AD	FS	FS	No
2008	Sulfate	0606_01	Lower boundary to Prairie Creek	71	71		44.79	50.00	AD	FS	FS	No
2008	Sulfate	0606_02	Prairie Creek to river mile 7.0	71	71		44.79	50.00	AD	FS	FS	No
2008	Sulfate	0606_03	River mile 7.0 to headwaters	71	71		44.79	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	0606_01	Lower boundary to Prairie Creek	72	72		272.24	300.00	AD	FS	FS	No
2008	Total Dissolved Solids	0606_02	Prairie Creek to river mile 7.0	72	72		272.24	300.00	AD	FS	FS	No
2008	Total Dissolved Solids	0606_03	River mile 7.0 to headwaters	72	72		272.24	300.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0606_01	Lower boundary to Prairie Creek	28	28	0		8.50	AD	FS	FS	No
2008	pH	0606_02	Prairie Creek to river mile 7.0	29	29	0		8.50	AD	FS	FS	No
2008	pH	0606_03	River mile 7.0 to headwaters	14	14	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0606_01	Lower boundary to Prairie Creek	28	28	1		6.00	AD	FS	FS	No
2008	pH	0606_02	Prairie Creek to river mile 7.0	29	29	7		6.00	AD	NS	NS	5c No
2008	pH	0606_03	River mile 7.0 to headwaters	14	14	3		6.00	AD	NS	NS	5c 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: 0606 Neches River Above Lake Palestine

**Water body type:** Freshwater Stream

**Water body size:** 27 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	0606_01	Lower boundary to Prairie Creek	28	28	1	0.33	AD	NC	NC		No
2008	Ammonia	0606_02	Prairie Creek to river mile 7.0	27	27	5	0.33	AD	NC	NC		No
2008	Ammonia	0606_03	River mile 7.0 to headwaters	14	14	3	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0606_01	Lower boundary to Prairie Creek	28	28	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0606_02	Prairie Creek to river mile 7.0	27	27	7	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0606_03	River mile 7.0 to headwaters	13	13	0	14.10	AD	NC	NC		No
2008	Nitrate	0606_01	Lower boundary to Prairie Creek	27	27	20	1.95	AD	CS	CS		No
2008	Nitrate	0606_02	Prairie Creek to river mile 7.0	26	26	0	1.95	AD	NC	NC		No
2008	Nitrate	0606_03	River mile 7.0 to headwaters	13	13	1	1.95	AD	NC	NC		No
2008	Orthophosphorus	0606_01	Lower boundary to Prairie Creek	26	26	9	0.37	AD	CS	CS		No
2008	Orthophosphorus	0606_02	Prairie Creek to river mile 7.0	25	25	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0606_03	River mile 7.0 to headwaters	14	14	2	0.37	AD	NC	NC		No
2008	Total Phosphorus	0606_01	Lower boundary to Prairie Creek	28	28	5	0.69	AD	NC	NC		No
2008	Total Phosphorus	0606_02	Prairie Creek to river mile 7.0	27	27	1	0.69	AD	NC	NC		No
2008	Total Phosphorus	0606_03	River mile 7.0 to headwaters	14	14	1	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0606_01	Lower boundary to Prairie Creek	28	28	0	35.00	AD	FS	FS		No
2008	Temperature	0606_02	Prairie Creek to river mile 7.0	29	29	0	35.00	AD	FS	FS		No
2008	Temperature	0606_03	River mile 7.0 to headwaters	14	14	0	35.00	AD	FS	FS		No

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### Segment ID: 0606 Neches River Above Lake Palestine

Water body type: Freshwater Stream

Water body size: 27 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	0606_01	Lower boundary to Prairie Creek				300.00	OE	NC	NC		No
2008	Chloride	0606_02	Prairie Creek to river mile 7.0				300.00	OE	NC	NC		No
2008	Chloride	0606_03	River mile 7.0 to headwaters				300.00	OE	NC	NC		No
2008	Sulfate	0606_01	Lower boundary to Prairie Creek				300.00	OE	NC	NC		No
2008	Sulfate	0606_02	Prairie Creek to river mile 7.0				300.00	OE	NC	NC		No
2008	Sulfate	0606_03	River mile 7.0 to headwaters				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	0606_01	Lower boundary to Prairie Creek				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0606_02	Prairie Creek to river mile 7.0				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0606_03	River mile 7.0 to headwaters				1,000.00	OE	NC	NC		No

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

2008	Multiple	0606_01	Lower boundary to Prairie Creek					OE	FS	FS		No
2008	Multiple	0606_02	Prairie Creek to river mile 7.0					OE	FS	FS		No
2008	Multiple	0606_03	River mile 7.0 to headwaters					OE	FS	FS		No

##### Finished Drinking Water MCLs Concern

2008	Multiple	0606_01	Lower boundary to Prairie Creek					OE	NC	NC		No
2008	Multiple	0606_02	Prairie Creek to river mile 7.0					OE	NC	NC		No
2008	Multiple	0606_03	River mile 7.0 to headwaters					OE	NC	NC		No

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

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### Segment ID: 0606 Neches River Above Lake Palestine

Water body type: Freshwater Stream

Water body size: 27 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2008	E. coli	0606_01	Lower boundary to Prairie Creek	22	22	1	167.25	126.00	AD	NS	NS	5c	No
2008	E. coli	0606_02	Prairie Creek to river mile 7.0	20	20	0	92.29	126.00	AD	FS	FS		No
2008	E. coli	0606_03	River mile 7.0 to headwaters	10	10	0	75.08	126.00	AD	FS	FS		No
2008	Fecal coliform	0606_01	Lower boundary to Prairie Creek	8	8	0	102.16	200.00	SM	NC	NC		No
2008	Fecal coliform	0606_02	Prairie Creek to river mile 7.0	8	8	0	87.30	200.00	LD	NC	NC		No
2008	Fecal coliform	0606_03	River mile 7.0 to headwaters	3	3	0	25.95	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>													
2008	E. coli	0606_01	Lower boundary to Prairie Creek	22	22	3	394.00	394.00	AD	FS	FS		No
2008	E. coli	0606_02	Prairie Creek to river mile 7.0	20	20	1	394.00	394.00	AD	FS	FS		No
2008	E. coli	0606_03	River mile 7.0 to headwaters	10	10	1	394.00	394.00	AD	FS	FS		No
2008	Fecal coliform	0606_01	Lower boundary to Prairie Creek	8	8	0	400.00	400.00	SM	NC	NC		No
2008	Fecal coliform	0606_02	Prairie Creek to river mile 7.0	8	8	0	400.00	400.00	LD	NC	NC		No
2008	Fecal coliform	0606_03	River mile 7.0 to headwaters	3	3	0	400.00	400.00	ID	NA	NA		No

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### Segment ID: 0606A Prairie Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 11 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**

2006	E. coli	0606A_01	Perennial stream form the confluence with the Neches River to a point immediately upstream of the confluence of Caney Creek				ID	NA	NS	5c	Yes
2006	E. coli	0606A_02	Perennial stream from a point immediately upstream of the confluence with Caney Creek to the confluence with an unnamed				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: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	Aluminum	0607_02	River Mile 5.7 to mile 12.1	10	10	4	991.00	JQ	NA	NA		No
2006	Aluminum	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	10	10	6	991.00	JQ	NA	NA		No
2006	Aluminum	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	10	10	6	991.00	JQ	NA	NA		No
2006	Metals	0607_01	Mouth to river mile 5.7	10	10	0		AD	FS	FS		No
2006	Metals	0607_02	River Mile 5.7 to mile 12.1	10	10			AD	FS	FS		No
2006	Metals	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	10	10			AD	FS	FS		No
2006	Multiple	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	10	10	0		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0607_01	Mouth to river mile 5.7	9	7		0.88	0.43	JQ	NA	NA	No
2006	Lead	0607_02	River Mile 5.7 to mile 12.1	9	7		1.52	0.43	JQ	NA	NA	No
2006	Lead	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	9	7		2.59	0.43	JQ	NA	NA	No
2006	Lead	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	9	7		2.15	0.43	JQ	NA	NA	No
2006	Metals	0607_01	Mouth to river mile 5.7	9	7			LD	NC	NC		No
2006	Metals	0607_02	River Mile 5.7 to mile 12.1	9	7			LD	NC	NC		No
2006	Metals	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	10	10			AD	FS	FS		No
2006	Metals	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	10	10			AD	FS	FS		No

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0607_01	Mouth to river mile 5.7	0	0		5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0607_02	River Mile 5.7 to mile 12.1	14	14	8	5.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Avg	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	20	20	12	5.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Avg	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	4	4	4	5.00	LD	NS	NS	5b	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0607_01	Mouth to river mile 5.7	0	0		3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0607_02	River Mile 5.7 to mile 12.1	14	14	6	3.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Min	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	20	20	3	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	4	4	2	3.00	LD	NS	NS	5b	No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0607_01	Mouth to river mile 5.7	33	33	2	3.00	AD	FS	NS	5b	Yes
2008	Dissolved Oxygen Grab	0607_02	River Mile 5.7 to mile 12.1	51	34	2	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	33	33	1	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	24	24	3	3.00	AD	FS	NS	5b	Yes
2006	Dissolved Oxygen Grab	0607_05	River Mile 60.4 to top of segment at FM 787	0	0			ID	NA	NS	5b	Yes

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	0607_01	Mouth to river mile 5.7	33	33	9	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0607_02	River Mile 5.7 to mile 12.1	51	34	11	5.00	SM	CS	CS		No
2008	Dissolved Oxygen Grab	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	33	33	11	5.00	SM	CS	CS		No
2008	Dissolved Oxygen Grab	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	17	17	6	5.00	AD	CS	CS		No

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

2006	Metals	0607_01	Mouth to river mile 5.7	1	1			ID	NA	NA		No
2006	Metals	0607_02	River Mile 5.7 to mile 12.1	1	1			ID	NA	NA		No
2006	Metals	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	1	1			ID	NA	NA		No
2006	Metals	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	1	1	0		ID	NA	NA		No

### Fish Consumption Use

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

2006	Multiple	0607_01	Mouth to river mile 5.7	10	10			AD	FS	FS		No
2006	Multiple	0607_02	River Mile 5.7 to mile 12.1	10	10			AD	FS	FS		No
2006	Multiple	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	10	10			AD	FS	FS		No
2006	Multiple	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	10	10			AD	FS	FS		No

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	0607_01	Mouth to river mile 5.7	132	132	28.52	150.00	AD	FS	FS		No
2008	Chloride	0607_02	River Mile 5.7 to mile 12.1	132	132	28.52	150.00	AD	FS	FS		No
2008	Chloride	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	132	132	28.52	150.00	AD	FS	FS		No
2008	Chloride	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	132	132	28.52	150.00	AD	FS	FS		No
2008	Chloride	0607_05	River Mile 60.4 to top of segment at FM 787	132	132	28.52	150.00	AD	FS	FS		No
2008	Sulfate	0607_01	Mouth to river mile 5.7	92	92	11.91	50.00	AD	FS	FS		No
2008	Sulfate	0607_02	River Mile 5.7 to mile 12.1	92	92	11.91	50.00	AD	FS	FS		No
2008	Sulfate	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	92	92	11.91	50.00	AD	FS	FS		No
2008	Sulfate	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	92	92	11.91	50.00	AD	FS	FS		No
2008	Sulfate	0607_05	River Mile 60.4 to top of segment at FM 787	92	92	11.91	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0607_01	Mouth to river mile 5.7	140	140	122.21	300.00	AD	FS	FS		No
2008	Total Dissolved Solids	0607_02	River Mile 5.7 to mile 12.1	140	140	122.21	300.00	AD	FS	FS		No
2008	Total Dissolved Solids	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	140	140	122.21	300.00	AD	FS	FS		No
2008	Total Dissolved Solids	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	140	140	122.21	300.00	AD	FS	FS		No
2008	Total Dissolved Solids	0607_05	River Mile 60.4 to top of segment at FM 787	140	140	122.21	300.00	AD	FS	FS		No

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

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	0607_01	Mouth to river mile 5.7	33	33	0	8.50	AD	FS	FS		No
2008	pH	0607_02	River Mile 5.7 to mile 12.1	51	34	0	8.50	AD	FS	FS		No
2008	pH	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	33	33	0	8.50	AD	FS	FS		No
2008	pH	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	33	33	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0607_01	Mouth to river mile 5.7	33	33	0	6.00	AD	FS	FS		No
2008	pH	0607_02	River Mile 5.7 to mile 12.1	51	34	0	6.00	AD	FS	FS		No
2008	pH	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	33	33	1	6.00	AD	FS	FS		No
2008	pH	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	33	33	0	6.00	AD	FS	FS		No

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	0607_01	Mouth to river mile 5.7	33	33	1	0.33	AD	NC	NC		No
2008	Ammonia	0607_02	River Mile 5.7 to mile 12.1	33	33	5	0.33	AD	NC	NC		No
2008	Ammonia	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	33	33	4	0.33	AD	NC	NC		No
2008	Ammonia	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	33	33	1	0.33	AD	NC	NC		No
2006	Chlorophyll-a	0607_01	Mouth to river mile 5.7	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	0607_02	River Mile 5.7 to mile 12.1	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	0	0		14.10	ID	NA	NA		No
2008	Nitrate	0607_01	Mouth to river mile 5.7	33	33	0	1.95	AD	NC	NC		No
2008	Nitrate	0607_02	River Mile 5.7 to mile 12.1	33	33	0	1.95	AD	NC	NC		No
2008	Nitrate	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	33	33	0	1.95	AD	NC	NC		No
2008	Nitrate	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	33	33	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0607_01	Mouth to river mile 5.7	20	20	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0607_02	River Mile 5.7 to mile 12.1	20	20	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	20	20	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	20	20	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	0607_01	Mouth to river mile 5.7	33	33	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0607_02	River Mile 5.7 to mile 12.1	33	33	0	0.69	AD	NC	NC		No

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

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	Total Phosphorus	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	33	33	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	33	33	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0607_01	Mouth to river mile 5.7	33	33	0	35.00	AD	FS	FS		No
2008	Temperature	0607_02	River Mile 5.7 to mile 12.1	51	34	0	35.00	AD	FS	FS		No
2008	Temperature	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	40	40	0	35.00	AD	FS	FS		No
2008	Temperature	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	33	33	0	35.00	AD	FS	FS		No

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	Multiple	0607_05	River Mile 60.4 to top of segment at FM 787						OE	NC	NC		No
2008	Total Dissolved Solids	0607_01	Mouth to river mile 5.7						OE	NC	NC		No
2008	Total Dissolved Solids	0607_02	River Mile 5.7 to mile 12.1						OE	NC	NC		No
2008	Total Dissolved Solids	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)						OE	NC	NC		No
2008	Total Dissolved Solids	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Chloride	0607_01	Mouth to river mile 5.7						OE	FS	FS		No
2008	Chloride	0607_02	River Mile 5.7 to mile 12.1						OE	FS	FS		No
2008	Chloride	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)						OE	FS	FS		No
2008	Chloride	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4						OE	FS	FS		No
2008	Multiple	0607_05	River Mile 60.4 to top of segment at FM 787						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>													
2008	Multiple	0607_05	River Mile 60.4 to top of segment at FM 787						OE	NC	NC		No
2008	Sulfate	0607_01	Mouth to river mile 5.7						OE	NC	NC		No
2008	Sulfate	0607_02	River Mile 5.7 to mile 12.1						OE	NC	NC		No
2008	Sulfate	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)						OE	NC	NC		No
2008	Sulfate	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4						OE	NC	NC		No

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

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	0607_01	Mouth to river mile 5.7	10	10			AD	FS	FS		No
2006	Multiple	0607_02	River Mile 5.7 to mile 12.1	10	10			AD	FS	FS		No
2006	Multiple	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	10	10			AD	FS	FS		No
2006	Multiple	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	10	10			AD	FS	FS		No

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

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**Segment ID: 0607 Pine Island Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 81 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	0607_01	Mouth to river mile 5.7	23	23	0	50.37	126.00	AD	FS	FS	No
2008	E. coli	0607_02	River Mile 5.7 to mile 12.1	23	23	0	78.19	126.00	AD	FS	FS	No
2008	E. coli	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	23	23	1	139.08	126.00	AD	NS	NS	5c No
2008	E. coli	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	15	15	0	49.35	126.00	AD	FS	FS	No
2008	Fecal coliform	0607_01	Mouth to river mile 5.7	20	20	0	24.63	200.00	AD	FS	FS	No
2008	Fecal coliform	0607_02	River Mile 5.7 to mile 12.1	20	20	0	32.48	200.00	AD	FS	FS	No
2008	Fecal coliform	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	20	20	0	119.10	200.00	SM	NA	NA	No
2008	Fecal coliform	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	17	17	0	38.57	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0607_01	Mouth to river mile 5.7	23	23	2		394.00	AD	FS	FS	No
2008	E. coli	0607_02	River Mile 5.7 to mile 12.1	23	23	4		394.00	AD	FS	FS	No
2008	E. coli	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	23	23	3		394.00	AD	FS	FS	No
2008	E. coli	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	20	20	3		394.00	AD	FS	FS	No
2008	Fecal coliform	0607_01	Mouth to river mile 5.7	20	20	0		400.00	AD	FS	FS	No
2008	Fecal coliform	0607_02	River Mile 5.7 to mile 12.1	20	20	2		400.00	AD	FS	FS	No
2008	Fecal coliform	0607_03	River Mile 12.1 to mile 35.4 at confluence with Willow Creek (0607C)	20	20	2		400.00	SM	NA	NA	No
2008	Fecal coliform	0607_04	River Mile 35.4 at confluence with Willow Creek (0607C) to mile 60.4	20	20	3		400.00	AD	FS	FS	No

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### Segment ID: 0607A Bogy Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 12 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0607A_01 Entire creek	10	6	5		5.00	LD	NS	NS	5b	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0607A_01 Entire creek	10	6	2		3.00	LD	CN	CN		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0607A_01 Entire creek	12	8	3		3.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0607A_01 Entire creek	12	8	5		5.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0607A_01 Entire creek	2	2		44.00	39.00	AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0607A_01 Entire creek	2	2		14.00	20.00	AD	CS	CS		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0607A_01 Entire creek	2	2		32.00	29.00	AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0607A_01 Entire creek	10	10	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0607A_01 Entire creek	11	10	0		14.10	AD	NC	NC		No
2006	Nitrate	0607A_01 Entire creek	9	9	0		1.95	LD	NC	NC		No
2006	Orthophosphorus	0607A_01 Entire creek	7	7	0		0.37	LD	NC	NC		No
2006	Total Phosphorus	0607A_01 Entire creek	10	10	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0607A_01 Entire creek	0	0			126.00	ID	NA	NA		No
2006	Fecal coliform	0607A_01 Entire creek	0	0			200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0607A_01 Entire creek	0	0			394.00	ID	NA	NA		No
2006	Fecal coliform	0607A_01 Entire creek	0	0			400.00	ID	NA	NA		No

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### Segment ID: 0607B Little Pine Island Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 50 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	0607B_01 Lower 25 miles	10	10	5		991.00	JQ	NA	NA		No
2006	Metals	0607B_01 Lower 25 miles	10	10	0			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0607B_01 Lower 25 miles	9	7		1.18	0.43	JQ	NA	NA		No
2006	Metals	0607B_01 Lower 25 miles	10	10				AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0607B_01 Lower 25 miles	8	5	3		5.00	LD	NS	NS	5b	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0607B_01 Lower 25 miles	8	5	2		3.00	LD	CN	CN		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0607B_01 Lower 25 miles	25	18	3		3.00	AD	CN	CN		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0607B_01 Lower 25 miles	25	18	7		5.00	AD	CS	CS		No
<b>Toxic Substances in sediment</b>												
2006	Metals	0607B_01 Lower 25 miles	1	1	0			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0607B_01 Lower 25 miles	10	10				AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0607B_01 Lower 25 miles	25	25	2		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0607B_01 Lower 25 miles	0	0			14.10	ID	NA	NA		No
2006	Nitrate	0607B_01 Lower 25 miles	25	25	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0607B_01 Lower 25 miles	20	20	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	0607B_01 Lower 25 miles	25	25	0		0.69	AD	NC	NC		No

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### Segment ID: 0607B Little Pine Island Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 50 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	0607B_01 Lower 25 miles	15	14		185.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0607B_01 Lower 25 miles	20	19		96.00	200.00	SM	NC	NC		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0607B_01 Lower 25 miles	15	14	3		394.00	AD	FS	FS		No
2006	Fecal coliform	0607B_01 Lower 25 miles	20	19	2		400.00	SM	FS	FS		No

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

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### Segment ID: 0607C Willow Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 15 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	0607C_01 Entire creek	10	10	5		991.00	JQ	NA	NA		No
2006	Metals	0607C_01 Entire creek	10	10	0			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	0607C_01 Entire creek	10	10				AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0607C_01 Entire creek	0	0			5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0607C_01 Entire creek	0	0			3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0607C_01 Entire creek	24	17	5		3.00	AD	NS	NS	5b	No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0607C_01 Entire creek	24	17	7		5.00	AD	CS	CS		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0607C_01 Entire creek	1	1	0			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0607C_01 Entire creek	10	10				AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0607C_01 Entire creek	23	23	0		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0607C_01 Entire creek	0	0			14.10	ID	NA	NA		No
2006	Nitrate	0607C_01 Entire creek	23	23	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0607C_01 Entire creek	18	18	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	0607C_01 Entire creek	23	23	0		0.69	AD	NC	NC		No

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

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### Segment ID: 0607C Willow Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 15 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	0607C_01 Entire creek	15	13		104.00	126.00	AD	FS	FS		No
2006	Fecal coliform	0607C_01 Entire creek	18	16		84.00	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0607C_01 Entire creek	15	13	1		394.00	AD	FS	FS		No
2006	Fecal coliform	0607C_01 Entire creek	18	16	1		400.00	SM	FS	FS		No

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

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

**Segment ID: 0608 Village Creek**

**Water body type:** Freshwater Stream

**Water body size:** 53 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	0608_01	From confluence with Neches River to FM 418	17	17	1		991.00	AD	FS	FS	No
2006	Aluminum	0608_02	From FM 418 to Lake Kimble dam	10	10	3		991.00	JQ	NA	NA	No
2006	Metals	0608_01	From confluence with Neches River to FM 418	17	17	0			AD	FS	FS	No
2006	Metals	0608_02	From FM 418 to Lake Kimble dam	10	10	0			AD	FS	FS	No
2006	Organics	0608_01	From confluence with Neches River to FM 418	2	2	0			ID	NA	NA	No
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0608_02	From FM 418 to Lake Kimble dam	10	7		0.71	0.17	JQ	NA	NA	No
2006	Metals	0608_01	From confluence with Neches River to FM 418	17	17				AD	FS	FS	No
2006	Metals	0608_02	From FM 418 to Lake Kimble dam	10	10				AD	FS	FS	No
2006	Organics	0608_01	From confluence with Neches River to FM 418	2	2	0			ID	NA	NA	No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0608_01	From confluence with Neches River to FM 418	4	4	0		5.00	LD	NC	NC	No
2006	Dissolved Oxygen 24hr Avg	0608_02	From FM 418 to Lake Kimble dam	0	0			5.00	ID	NA	NA	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0608_01	From confluence with Neches River to FM 418	4	4	0		3.00	LD	NC	NC	No
2006	Dissolved Oxygen 24hr Min	0608_02	From FM 418 to Lake Kimble dam	0	0			3.00	ID	NA	NA	No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0608_01	From confluence with Neches River to FM 418	39	27	0		3.00	AD	FS	FS	No
2008	Dissolved Oxygen Grab	0608_02	From FM 418 to Lake Kimble dam	34	34	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: 0608 Village Creek**

**Water body type:** Freshwater Stream

**Water body size:** 53 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	0608_01	From confluence with Neches River to FM 418	39	27	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0608_02	From FM 418 to Lake Kimble dam	34	34	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Metals	0608_02	From FM 418 to Lake Kimble dam	1	1	0		ID	NA	NA		No
2006	Multiple	0608_01	From confluence with Neches River to FM 418	3	3	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Mercury	0608_01	From confluence with Neches River to FM 418	23	23	19	0.53	AD	CS	CS		No
2006	Mercury	0608_02	From FM 418 to Lake Kimble dam	23	23	19	0.53	AD	CS	CS		No
2006	Multiple	0608_01	From confluence with Neches River to FM 418	23	23	0		AD	NC	NC		No
2006	Multiple	0608_02	From FM 418 to Lake Kimble dam	23	23			AD	NC	NC		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0608_01	From confluence with Neches River to FM 418	17	17	0	100.00	AD	FS	FS		No
2006	Lead	0608_01	From confluence with Neches River to FM 418	17	17	0	4.98	AD	FS	FS		No
2006	Multiple	0608_01	From confluence with Neches River to FM 418	4	4			LD	NC	NC		No
2006	Multiple	0608_02	From FM 418 to Lake Kimble dam	10	10			AD	FS	FS		No

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**Segment ID: 0608 Village Creek**

**Water body type:** Freshwater Stream

**Water body size:** 53 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	0608_01	From confluence with Neches River to FM 418	61	61		12.74	150.00	AD	FS	FS	No
2008	Chloride	0608_02	From FM 418 to Lake Kimble dam	61	61		12.74	150.00	AD	FS	FS	No
2008	Sulfate	0608_01	From confluence with Neches River to FM 418	49	49		6.03	75.00	AD	FS	FS	No
2008	Sulfate	0608_02	From FM 418 to Lake Kimble dam	49	49		6.03	75.00	AD	FS	FS	No
2008	Total Dissolved Solids	0608_01	From confluence with Neches River to FM 418	71	71		60.50	300.00	AD	FS	FS	No
2008	Total Dissolved Solids	0608_02	From FM 418 to Lake Kimble dam	71	71		60.50	300.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0608_01	From confluence with Neches River to FM 418	39	27	0		8.50	AD	FS	FS	No
2008	pH	0608_02	From FM 418 to Lake Kimble dam	34	34	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0608_01	From confluence with Neches River to FM 418	39	27	1		6.00	AD	FS	FS	No
2008	pH	0608_02	From FM 418 to Lake Kimble dam	34	34	5		6.00	AD	CN	NS	5b Yes

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

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**Segment ID: 0608 Village Creek**

**Water body type:** Freshwater Stream

**Water body size:** 53 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	0608_01	From confluence with Neches River to FM 418	26	26	0	0.33	AD	NC	NC		No
2008	Ammonia	0608_02	From FM 418 to Lake Kimble dam	34	34	1	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0608_01	From confluence with Neches River to FM 418	27	27	0	14.10	AD	NC	NC		No
2006	Chlorophyll-a	0608_02	From FM 418 to Lake Kimble dam	0	0	0	14.10	ID	NA	NA		No
2008	Nitrate	0608_01	From confluence with Neches River to FM 418	27	27	0	1.95	AD	NC	NC		No
2008	Nitrate	0608_02	From FM 418 to Lake Kimble dam	34	34	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0608_01	From confluence with Neches River to FM 418	26	26	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0608_02	From FM 418 to Lake Kimble dam	21	21	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	0608_01	From confluence with Neches River to FM 418	27	27	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0608_02	From FM 418 to Lake Kimble dam	33	33	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0608_01	From confluence with Neches River to FM 418	39	27	0	32.20	AD	FS	FS		No
2008	Temperature	0608_02	From FM 418 to Lake Kimble dam	43	43	1	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: 0608 Village Creek**

**Water body type:** Freshwater Stream

**Water body size:** 53 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	Multiple	0608_01	From confluence with Neches River to FM 418						OE	NC	NC		No
2008	Multiple	0608_02	From FM 418 to Lake Kimble dam						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Multiple	0608_01	From confluence with Neches River to FM 418						OE	FS	FS		No
2008	Multiple	0608_02	From FM 418 to Lake Kimble dam						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>													
2008	Multiple	0608_01	From confluence with Neches River to FM 418						OE	NC	NC		No
2008	Multiple	0608_02	From FM 418 to Lake Kimble dam						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>													
2006	Multiple	0608_01	From confluence with Neches River to FM 418		17	17	0			AD	FS	FS	No
2006	Multiple	0608_02	From FM 418 to Lake Kimble dam		10	10				AD	FS	FS	No
<b>Surface Water Toxic Substances average concern</b>													
2008	Atrazine	0608_01	From confluence with Neches River to FM 418		1	1	0	1.50	3.00	ID	NA	NA	No
2008	MTBE	0608_01	From confluence with Neches River to FM 418		3	3	0	0.75	240.00	ID	NA	NA	No

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

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**Segment ID: 0608 Village Creek**

**Water body type:** Freshwater Stream

**Water body size:** 53 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	0608_01	From confluence with Neches River to FM 418	19	19	0	46.92	126.00	AD	FS	FS	No
2008	E. coli	0608_02	From FM 418 to Lake Kimble dam	23	23	0	77.24	126.00	AD	FS	FS	No
2008	Fecal coliform	0608_01	From confluence with Neches River to FM 418	12	12	0	63.15	200.00	AD	FS	FS	No
2008	Fecal coliform	0608_02	From FM 418 to Lake Kimble dam	21	21	0	55.10	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0608_01	From confluence with Neches River to FM 418	19	19	2		394.00	AD	FS	FS	No
2008	E. coli	0608_02	From FM 418 to Lake Kimble dam	23	23	2		394.00	AD	FS	FS	No
2008	Fecal coliform	0608_01	From confluence with Neches River to FM 418	12	12	1		400.00	AD	FS	FS	No
2008	Fecal coliform	0608_02	From FM 418 to Lake Kimble dam	21	21	4		400.00	AD	FS	FS	No

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

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

### Segment ID: 0608A Beech Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 39 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	0608A_01	Lower 20 miles of water body	10	10	0		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0608A_01	Lower 20 miles of water body	10	7	0.83	0.17	JQ	NA	NA		No
2006	Metals	0608A_01	Lower 20 miles of water body	10	10			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0608A_01	Lower 20 miles of water body	12	12	1	5.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Avg	0608A_02	Upper 19 miles of water body	20	14	0	5.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0608A_01	Lower 20 miles of water body	12	12	1	3.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Min	0608A_02	Upper 19 miles of water body	20	17	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0608A_01	Lower 20 miles of water body	26	26	0	3.00	SM	FS	FS		No
2006	Dissolved Oxygen Grab	0608A_02	Upper 19 miles of water body	24	15	1	3.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0608A_01	Lower 20 miles of water body	26	26	4	5.00	SM	CS	CS		No
2006	Dissolved Oxygen Grab	0608A_02	Upper 19 miles of water body	24	15	2	5.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0608A_02	Upper 19 miles of water body	4	4	45.50	42.00	AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0608A_02	Upper 19 miles of water body	4	4	15.00	20.00	AD	CS	CS		No
<b>Macroinvertebrate Community</b>												
2006	Macroinvertebrate Community	0608A_02	Upper 19 miles of water body	4	4	34.20	29.00	AD	FS	FS		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0608A_01	Lower 20 miles of water body	1	1	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0608A_01	Lower 20 miles of water body	10	10			AD	FS	FS		No

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

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### Segment ID: 0608A Beech Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 39 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Low pH</b>												
2006	pH	0608A_01	Lower 20 miles of water body	26	26	22	6.00	JQ	CN	CN		No
2006	pH	0608A_02	Upper 19 miles of water body	24	24	10	6.00	JQ	CN	CN		No
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0608A_01	Lower 20 miles of water body	26	26	1	0.33	AD	NC	NC		No
2006	Ammonia	0608A_02	Upper 19 miles of water body	20	20	0	0.33	TR	NA	NA		No
2006	Chlorophyll-a	0608A_01	Lower 20 miles of water body	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	0608A_02	Upper 19 miles of water body	24	24	0	14.10	TR	NA	NA		No
2006	Nitrate	0608A_01	Lower 20 miles of water body	26	26	0	1.95	AD	NC	NC		No
2006	Nitrate	0608A_02	Upper 19 miles of water body	18	18	0	1.95	TR	NA	NA		No
2006	Orthophosphorus	0608A_01	Lower 20 miles of water body	20	20	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0608A_02	Upper 19 miles of water body	14	14	0	0.37	TR	NA	NA		No
2006	Total Phosphorus	0608A_01	Lower 20 miles of water body	25	25	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	0608A_02	Upper 19 miles of water body	19	19	0	0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0608A_01	Lower 20 miles of water body	15	15		234.00	AD	NS	NS	5c	No
2006	E. coli	0608A_02	Upper 19 miles of water body	0	0		126.00	ID	NA	NA		No
2006	Fecal coliform	0608A_01	Lower 20 miles of water body	21	21		77.00	SM	FS	FS		No
2006	Fecal coliform	0608A_02	Upper 19 miles of water body	0	0		200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0608A_01	Lower 20 miles of water body	15	15	2	394.00	AD	FS	FS		No
2006	E. coli	0608A_02	Upper 19 miles of water body	0	0		394.00	ID	NA	NA		No
2006	Fecal coliform	0608A_01	Lower 20 miles of water body	21	21	2	400.00	SM	FS	FS		No
2006	Fecal coliform	0608A_02	Upper 19 miles of water body	0	0		400.00	ID	NA	NA		No

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### Segment ID: 0608B Big Sandy Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 47 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Copper	0608B_01	Lower 30 miles downstream of US 190	10	10	0	2.50	AD	FS	FS		No
2006	Metals	0608B_01	Lower 30 miles downstream of US 190	10	10	0		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Cadmium	0608B_01	Lower 30 miles downstream of US 190	10	7	0.10	0.20	JQ	FS	FS		No
2006	Metals	0608B_01	Lower 30 miles downstream of US 190	10	10			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0608B_01	Lower 30 miles downstream of US 190	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0608B_02	Upper 16.9 miles of segment	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0608B_01	Lower 30 miles downstream of US 190	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0608B_02	Upper 16.9 miles of segment	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0608B_01	Lower 30 miles downstream of US 190	48	48	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0608B_02	Upper 16.9 miles of segment	22	22	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0608B_01	Lower 30 miles downstream of US 190	48	48	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0608B_02	Upper 16.9 miles of segment	22	21	1	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Metals	0608B_01	Lower 30 miles downstream of US 190	1	1			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0608B_01	Lower 30 miles downstream of US 190	10	10	0	3,320.00	AD	FS	FS		No
2006	Lead	0608B_01	Lower 30 miles downstream of US 190	9	9	0	25.30	LD	NC	NC		No

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### Segment ID: 0608B Big Sandy Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 47 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0608B_01	Lower 30 miles downstream of US 190	26	26	1	0.33	AD	NC	NC		No
2006	Ammonia	0608B_02	Upper 16.9 miles of segment	0	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	0608B_01	Lower 30 miles downstream of US 190	0	0		14.10	ID	NA	NA		No
2006	Chlorophyll-a	0608B_02	Upper 16.9 miles of segment	0	0		14.10	ID	NA	NA		No
2006	Nitrate	0608B_01	Lower 30 miles downstream of US 190	26	26	0	1.95	AD	NC	NC		No
2006	Nitrate	0608B_02	Upper 16.9 miles of segment	0	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	0608B_01	Lower 30 miles downstream of US 190	20	20	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0608B_02	Upper 16.9 miles of segment	0	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	0608B_01	Lower 30 miles downstream of US 190	25	25	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	0608B_02	Upper 16.9 miles of segment	0	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0608B_01	Lower 30 miles downstream of US 190	23	23		252.00	AD	NS	NS	5c	No
2006	E. coli	0608B_02	Upper 16.9 miles of segment	8	8		230.00	LD	CN	CN		No
2006	Fecal coliform	0608B_01	Lower 30 miles downstream of US 190	43	43		161.00	SM	FS	FS		No
2006	Fecal coliform	0608B_02	Upper 16.9 miles of segment	22	22		112.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0608B_01	Lower 30 miles downstream of US 190	23	23	5	394.00	AD	FS	FS		No
2006	E. coli	0608B_02	Upper 16.9 miles of segment	8	8	2	394.00	LD	NC	NC		No
2006	Fecal coliform	0608B_01	Lower 30 miles downstream of US 190	43	43	10	400.00	SM	FS	FS		No
2006	Fecal coliform	0608B_02	Upper 16.9 miles of segment	22	22	4	400.00	AD	FS	FS		No

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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: 0608C Cypress Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 24 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	0608C_01 Entire water body	10	10	3		991.00	AD	NS	NS	5c	No
2006	Cadmium	0608C_01 Entire water body	10	7	0		3.00	JQ	FS	FS		No
2006	Metals	0608C_01 Entire water body	10	10	0			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Cadmium	0608C_01 Entire water body	10	7		0.10	0.20	JQ	FS	FS		No
2006	Lead	0608C_01 Entire water body	10	10		1.32	0.17	JQ	NA	NA		No
2006	Metals	0608C_01 Entire water body	10	10				AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0608C_01 Entire water body	10	6	5		5.00	LD	NS	NS	5b	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0608C_01 Entire water body	10	6	2		3.00	LD	CN	CN		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0608C_01 Entire water body	61	39	8		3.00	AD	NS	NS	5b	No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0608C_01 Entire water body	61	39	16		5.00	AD	CS	CS		No
<b>Fish Community</b>												
2006	Fish Community	0608C_01 Entire water body	2	2		43.00	42.00	AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0608C_01 Entire water body	2	2		14.50	20.00	AD	CS	CS		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0608C_01 Entire water body	2	2		28.50	29.00	AD	FS	FS		No
<b>Toxic Substances in sediment</b>												
2006	Metals	0608C_01 Entire water body	1	1				ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0608C_01 Entire water body	10	10	0		3,320.00	AD	FS	FS		No
2006	Lead	0608C_01 Entire water body	9	9	0		25.30	LD	NC	NC		No

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### Segment ID: 0608C Cypress Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 24 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Low pH</b>												
2006	pH	0608C_01 Entire water body	61	42	8		6.00	JQ	CN	CN		No
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0608C_01 Entire water body	36	36	6		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0608C_01 Entire water body	11	11	0		14.10	AD	NC	NC		No
2006	Nitrate	0608C_01 Entire water body	34	34	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0608C_01 Entire water body	28	28	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	0608C_01 Entire water body	35	35	0		0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0608C_01 Entire water body	15	13		235.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0608C_01 Entire water body	43	19		134.00	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0608C_01 Entire water body	15	13	4		394.00	AD	FS	FS		No
2006	Fecal coliform	0608C_01 Entire water body	43	19	2		400.00	SM	FS	FS		No

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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: 0608D Hickory Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 26 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	0608D_01 Entire creek	10	10				AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Cadmium	0608D_01 Entire creek	9	7		0.10	0.20	JQ	FS	FS		No
2006	Lead	0608D_01 Entire creek	9	7		0.51	0.17	JQ	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0608D_01 Entire creek	0	0			5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0608D_01 Entire creek	0	0			3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0608D_01 Entire creek	48	48	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0608D_01 Entire creek	48	48	0		5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Metals	0608D_01 Entire creek	1	1				ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0608D_01 Entire creek	26	26	1		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0608D_01 Entire creek	0	0			14.10	ID	NA	NA		No
2006	Nitrate	0608D_01 Entire creek	26	26	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0608D_01 Entire creek	20	20	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	0608D_01 Entire creek	25	25	0		0.69	AD	NC	NC		No

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### Segment ID: 0608D Hickory Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 26 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	0608D_01 Entire creek	23	23		114.00	126.00	AD	FS	FS		No
2006	Fecal coliform	0608D_01 Entire creek	43	43		52.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0608D_01 Entire creek	23	23	3		394.00	AD	FS	FS		No
2006	Fecal coliform	0608D_01 Entire creek	43	43	3		400.00	AD	FS	FS		No

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### Segment ID: 0608E Mill Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 8 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0608E_01	Entire water body	7	7	3	2.00	LD	NS	NS	5c	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0608E_01	Entire water body	7	7	2	1.50	LD	CN	CN		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0608E_01	Entire water body	0	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	0608E_01	Entire water body	0	0		14.10	ID	NA	NA		No
2006	Nitrate	0608E_01	Entire water body	0	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	0608E_01	Entire water body	0	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	0608E_01	Entire water body	0	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0608E_01	Entire water body	0	0		126.00	ID	NA	NA		No
2006	Fecal coliform	0608E_01	Entire water body	0	0		200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0608E_01	Entire water body	0	0		394.00	ID	NA	NA		No
2006	Fecal coliform	0608E_01	Entire water body	0	0		400.00	ID	NA	NA		No

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### Segment ID: 0608F Turkey Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 42 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	0608F_01	Lower 25 miles of segment	10	10			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Cadmium	0608F_01	Lower 25 miles of segment	9	7	0.10	0.20	JQ	FS	FS		No
2006	Lead	0608F_01	Lower 25 miles of segment	9	7	0.64	0.17	JQ	NA	NA		No
2006	Multiple	0608F_01	Lower 25 miles of segment	10	10			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0608F_01	Lower 25 miles of segment	0	0		5.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0608F_02	Upper 16.6 miles of segment	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0608F_01	Lower 25 miles of segment	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0608F_02	Upper 16.6 miles of segment	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0608F_01	Lower 25 miles of segment	37	37	1	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0608F_02	Upper 16.6 miles of segment	15	15	1	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0608F_01	Lower 25 miles of segment	37	37	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0608F_02	Upper 16.6 miles of segment	15	15	1	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0608F_01	Lower 25 miles of segment	1	1			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0608F_01	Lower 25 miles of segment	10	10		3,320.00	AD	FS	FS		No
2006	Lead	0608F_01	Lower 25 miles of segment	10	10		25.30	AD	FS	FS		No

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

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### Segment ID: 0608F Turkey Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 42 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0608F_01	Lower 25 miles of segment	26	26	1	0.33	AD	NC	NC		No
2006	Chlorophyll-a	0608F_01	Lower 25 miles of segment	0	0		14.10	ID	NA	NA		No
2006	Nitrate	0608F_01	Lower 25 miles of segment	26	26	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	0608F_01	Lower 25 miles of segment	20	20	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	0608F_01	Lower 25 miles of segment	25	25	0	0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0608F_01	Lower 25 miles of segment	15	15		194.00	AD	NS	NS	5c	No
2006	E. coli	0608F_02	Upper 16.6 miles of segment	0	0		126.00	ID	NA	NA		No
2006	Fecal coliform	0608F_01	Lower 25 miles of segment	32	32		148.00	SM	FS	FS		No
2006	Fecal coliform	0608F_02	Upper 16.6 miles of segment	11	11		181.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0608F_01	Lower 25 miles of segment	15	15	4	394.00	AD	FS	FS		No
2006	E. coli	0608F_02	Upper 16.6 miles of segment	0	0		394.00	ID	NA	NA		No
2006	Fecal coliform	0608F_01	Lower 25 miles of segment	32	32	9	400.00	SM	CN	CN		No
2006	Fecal coliform	0608F_02	Upper 16.6 miles of segment	11	11	2	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:** 0608G      **Lake Kimball (unclassified water body)**

**Water body type:** Reservoir

**Water body size:** 3,584 Acres

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

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

2006	Mercury	0608G_01	Entire lake					OE	NS	NS	5c	No
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## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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### Segment ID: 0609 Angelina River Below Sam Rayburn Reservoir

Water body type: Freshwater Stream

Water body size: 13 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Metals	0609_01	Entire segment	10	10			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Metals	0609_01	Entire segment	10	10			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0609_01	Entire segment	0	0		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0609_01	Entire segment	0	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0609_01	Entire segment	34	34	1	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0609_01	Entire segment	34	34	3	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Metals	0609_01	Entire segment	1	1			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0609_01	Entire segment	10	10		100.00	AD	FS	FS		No
2006	Lead	0609_01	Entire segment	9	9	0	4.98	LD	NC	NC		No

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

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### Segment ID: 0609 Angelina River Below Sam Rayburn Reservoir

Water body type: Freshwater Stream

Water body size: 13 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0609_01	Entire segment	34	34		13.35	70.00	AD	FS	FS	No
2008	Sulfate	0609_01	Entire segment	22	22		18.82	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	0609_01	Entire segment	34	34		81.92	250.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0609_01	Entire segment	34	34	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0609_01	Entire segment	34	34	0		6.00	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0609_01	Entire segment	34	34	0		0.33	AD	NC	NC	No
2006	Chlorophyll-a	0609_01	Entire segment	0	0			14.10	ID	NA	NA	No
2008	Nitrate	0609_01	Entire segment	34	34	0		1.95	AD	NC	NC	No
2008	Orthophosphorus	0609_01	Entire segment	21	21	0		0.37	AD	NC	NC	No
2008	Total Phosphorus	0609_01	Entire segment	33	33	0		0.69	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	0609_01	Entire segment	34	34	0		32.20	AD	FS	FS	No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	0609_01	Entire segment						OE	NC	NC	No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0609_01	Entire segment						OE	FS	FS	No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0609_01	Entire segment						OE	NC	NC	No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	0609_01	Entire segment	10	10				AD	FS	FS	No

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

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### Segment ID: 0609 Angelina River Below Sam Rayburn Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 13 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	0609_01	Entire segment	23	23	0	12.98	126.00	AD	FS	FS	No
2008	Fecal coliform	0609_01	Entire segment	21	21	0	15.83	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0609_01	Entire segment	23	23	2		394.00	AD	FS	FS	No
2008	Fecal coliform	0609_01	Entire segment	21	21	2		400.00	AD	FS	FS	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: 0610 Sam Rayburn Reservoir

Water body type: Reservoir

Water body size: 106,666 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0610_01						AD	FS	FS		No
2006	Multiple	0610_03						AD	FS	FS		No
2006	Multiple	0610_06						AD	FS	FS		No
2006	Multiple	0610_07	19	19				AD	FS	FS		No
2006	Multiple	0610_10	10	10				AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Cadmium	0610_03	14	14		1.48	0.40	JQ	NA	NA		No
2006	Cadmium	0610_06	0	0				ID	NA	NA		No
2006	Multiple	0610_06						AD	FS	FS		No
2006	Multiple	0610_07	19	19				AD	FS	FS		No
2006	Multiple	0610_10	10	10				AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0610_04	10	10	0		5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	0610_06	12	12	0		5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	0610_07	10	10	0		5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	0610_10	2	2	1		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0610_04	10	10	0		3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0610_06	12	12	1		3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0610_07	10	10	1		3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0610_10	2	2	1		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: 0610 Sam Rayburn Reservoir**

**Water body type:** Reservoir

**Water body size:** 106,666 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 minimum</b>												
2008	Dissolved Oxygen Grab	0610_01	Main pool by the dam	315	76	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0610_02	Lower Angelina River arm	50	50	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0610_03	Mid-Angelina River arm (SH 147)	282	75	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0610_04	Upper mid-Angelina River arm	52	52	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0610_05	Lower Attoyac Bayou arm	52	52	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0610_06	Upper Attoyac Bayou arm	90	28	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0610_07	Upper Angelina River arm	124	28	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0610_08	Bear Creek arm	49	49	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0610_09	Lower Ayish Bayou arm	49	49	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0610_10	Upper Ayish Bayou arm	86	29	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0610_01	Main pool by the dam	315	76	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0610_02	Lower Angelina River arm	50	50	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0610_03	Mid-Angelina River arm (SH 147)	282	75	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0610_04	Upper mid-Angelina River arm	52	52	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0610_05	Lower Attoyac Bayou arm	52	52	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0610_06	Upper Attoyac Bayou arm	90	28	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0610_07	Upper Angelina River arm	124	28	1	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0610_08	Bear Creek arm	49	49	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0610_09	Lower Ayish Bayou arm	49	49	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0610_10	Upper Ayish Bayou arm	86	29	0	5.00	AD	NC	NC		No

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### Segment ID: 0610 Sam Rayburn Reservoir

Water body type: Reservoir

Water body size: 106,666 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Arsenic	0610_03	Mid-Angelina River arm (SH 147)	15	15	14	33.00	AD	CS	CS		No
2006	Arsenic	0610_07	Upper Angelina River arm	15	15	4	33.00	AD	NC	NC		No
2006	Iron	0610_03	Mid-Angelina River arm (SH 147)	6	6	6	40,000.00	LD	CS	CS		No
2006	Iron	0610_07	Upper Angelina River arm	6	6	2	40,000.00	LD	NC	NC		No
2006	Manganese	0610_03	Mid-Angelina River arm (SH 147)	14	14	10	1,100.00	AD	CS	CS		No
2006	Manganese	0610_07	Upper Angelina River arm	14	14	4	1,100.00	AD	NC	NC		No
2006	Multiple	0610_01	Main pool by the dam	13	13			AD	NC	NC		No
2006	Multiple	0610_03	Mid-Angelina River arm (SH 147)	15	15			AD	NC	NC		No
2006	Multiple	0610_07	Upper Angelina River arm	15	15			AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Mercury	0610_02	Lower Angelina River arm	59	59	15	0.53	AD	CS	CS		No
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Mercury	0610_01	Main pool by the dam					OE	NS	NS	5c	No
2008	Mercury	0610_02	Lower Angelina River arm					OE	NS	NS	5c	No
2008	Mercury	0610_03	Mid-Angelina River arm (SH 147)					OE	NS	NS	5c	No
2008	Mercury	0610_04	Upper mid-Angelina River arm					OE	NS	NS	5c	No
2008	Mercury	0610_05	Lower Attoyac Bayou arm					OE	NS	NS	5c	No
2008	Mercury	0610_06	Upper Attoyac Bayou arm					OE	NS	NS	5c	No
2008	Mercury	0610_07	Upper Angelina River arm					OE	NS	NS	5c	No
2008	Mercury	0610_08	Bear Creek arm					OE	NS	NS	5c	No
2008	Mercury	0610_09	Lower Ayish Bayou arm					OE	NS	NS	5c	No
2008	Mercury	0610_10	Upper Ayish Bayou arm					OE	NS	NS	5c	No

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**Segment ID: 0610 Sam Rayburn Reservoir**

**Water body type:** Reservoir

**Water body size:** 106,666 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

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

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**Segment ID: 0610 Sam Rayburn Reservoir**

**Water body type:** Reservoir

**Water body size:** 106,666 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	0610_01	Main pool by the dam	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_02	Lower Angelina River arm	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_03	Mid-Angelina River arm (SH 147)	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_04	Upper mid-Angelina River arm	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_05	Lower Attoyac Bayou arm	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_06	Upper Attoyac Bayou arm	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_07	Upper Angelina River arm	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_08	Bear Creek arm	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_09	Lower Ayish Bayou arm	258	258	14.96	100.00	AD	FS	FS		No
2008	Chloride	0610_10	Upper Ayish Bayou arm	258	258	14.96	100.00	AD	FS	FS		No
2008	Sulfate	0610_01	Main pool by the dam	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_02	Lower Angelina River arm	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_03	Mid-Angelina River arm (SH 147)	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_04	Upper mid-Angelina River arm	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_05	Lower Attoyac Bayou arm	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_06	Upper Attoyac Bayou arm	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_07	Upper Angelina River arm	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_08	Bear Creek arm	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_09	Lower Ayish Bayou arm	258	258	20.39	100.00	AD	FS	FS		No
2008	Sulfate	0610_10	Upper Ayish Bayou arm	258	258	20.39	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	0610_01	Main pool by the dam	508	508	86.58	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	0610_02	Lower Angelina River arm	508	508	86.58	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	0610_03	Mid-Angelina River arm (SH 147)	508	508	86.58	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	0610_04	Upper mid-Angelina River arm	508	508	86.58	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	0610_05	Lower Attoyac Bayou arm	508	508	86.58	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	0610_06	Upper Attoyac Bayou arm	508	508	86.58	400.00	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: 0610 Sam Rayburn Reservoir**

**Water body type:** Reservoir

**Water body size:** 106,666 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	Total Dissolved Solids	0610_07	Upper Angelina River arm	508	508		86.58	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	0610_08	Bear Creek arm	508	508		86.58	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	0610_09	Lower Ayish Bayou arm	508	508		86.58	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	0610_10	Upper Ayish Bayou arm	508	508		86.58	400.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0610_01	Main pool by the dam	321	80	1		8.50	AD	FS	FS	No
2008	pH	0610_02	Lower Angelina River arm	52	52	1		8.50	AD	FS	FS	No
2008	pH	0610_03	Mid-Angelina River arm (SH 147)	286	76	3		8.50	AD	FS	FS	No
2008	pH	0610_04	Upper mid-Angelina River arm	52	52	4		8.50	AD	FS	FS	No
2008	pH	0610_05	Lower Attoyac Bayou arm	52	52	4		8.50	AD	FS	FS	No
2008	pH	0610_06	Upper Attoyac Bayou arm	90	28	0		8.50	AD	FS	FS	No
2008	pH	0610_07	Upper Angelina River arm	124	28	3		8.50	AD	FS	FS	No
2008	pH	0610_08	Bear Creek arm	52	52	1		8.50	AD	FS	FS	No
2008	pH	0610_09	Lower Ayish Bayou arm	52	52	0		8.50	AD	FS	FS	No
2008	pH	0610_10	Upper Ayish Bayou arm	86	29	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0610_01	Main pool by the dam	321	80	1		6.00	AD	FS	FS	No
2008	pH	0610_02	Lower Angelina River arm	52	52	0		6.00	AD	FS	FS	No
2008	pH	0610_03	Mid-Angelina River arm (SH 147)	286	76	0		6.00	AD	FS	FS	No
2008	pH	0610_04	Upper mid-Angelina River arm	52	52	0		6.00	AD	FS	FS	No
2008	pH	0610_05	Lower Attoyac Bayou arm	52	52	0		6.00	AD	FS	FS	No
2008	pH	0610_06	Upper Attoyac Bayou arm	90	28	0		6.00	AD	FS	FS	No
2008	pH	0610_07	Upper Angelina River arm	124	28	0		6.00	AD	FS	FS	No
2008	pH	0610_08	Bear Creek arm	52	52	0		6.00	AD	FS	FS	No
2008	pH	0610_09	Lower Ayish Bayou arm	52	52	0		6.00	AD	FS	FS	No
2008	pH	0610_10	Upper Ayish Bayou arm	86	29	0		6.00	AD	FS	FS	No

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**Segment ID: 0610 Sam Rayburn Reservoir**

**Water body type:** Reservoir

**Water body size:** 106,666 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0610_01	Main pool by the dam	79	79	35	0.11	AD	CS	CS		No
2008	Ammonia	0610_02	Lower Angelina River arm	53	53	34	0.11	AD	CS	CS		No
2008	Ammonia	0610_03	Mid-Angelina River arm (SH 147)	77	77	33	0.11	AD	CS	CS		No
2008	Ammonia	0610_04	Upper mid-Angelina River arm	52	52	36	0.11	AD	CS	CS		No
2008	Ammonia	0610_05	Lower Attoyac Bayou arm	53	53	38	0.11	AD	CS	CS		No
2008	Ammonia	0610_06	Upper Attoyac Bayou arm	27	27	1	0.11	AD	NC	NC		No
2008	Ammonia	0610_07	Upper Angelina River arm	27	27	2	0.11	AD	NC	NC		No
2008	Ammonia	0610_08	Bear Creek arm	52	52	31	0.11	AD	CS	CS		No
2008	Ammonia	0610_09	Lower Ayish Bayou arm	53	53	33	0.11	AD	CS	CS		No
2008	Ammonia	0610_10	Upper Ayish Bayou arm	28	28	2	0.11	AD	NC	NC		No
2008	Chlorophyll-a	0610_01	Main pool by the dam	53	53	1	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_02	Lower Angelina River arm	25	25	2	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_03	Mid-Angelina River arm (SH 147)	49	49	3	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_04	Upper mid-Angelina River arm	24	24	3	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_05	Lower Attoyac Bayou arm	24	24	6	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_06	Upper Attoyac Bayou arm	28	28	5	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_07	Upper Angelina River arm	27	27	3	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_08	Bear Creek arm	25	25	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_09	Lower Ayish Bayou arm	25	25	1	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0610_10	Upper Ayish Bayou arm	27	27	0	26.70	AD	NC	NC		No
2008	Nitrate	0610_01	Main pool by the dam	82	82	15	0.37	AD	NC	NC		No
2008	Nitrate	0610_02	Lower Angelina River arm	53	53	13	0.37	AD	NC	NC		No
2008	Nitrate	0610_03	Mid-Angelina River arm (SH 147)	77	77	17	0.37	AD	NC	NC		No
2008	Nitrate	0610_04	Upper mid-Angelina River arm	53	53	18	0.37	AD	CS	CS		No
2008	Nitrate	0610_05	Lower Attoyac Bayou arm	53	53	19	0.37	AD	CS	CS		No
2008	Nitrate	0610_06	Upper Attoyac Bayou arm	28	28	5	0.37	AD	NC	NC		No

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**Segment ID: 0610 Sam Rayburn Reservoir**

**Water body type:** Reservoir

**Water body size:** 106,666 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Nitrate	0610_07	Upper Angelina River arm	28	28	0	0.37	AD	NC	NC		No
2008	Nitrate	0610_08	Bear Creek arm	53	53	14	0.37	AD	CS	CS		No
2008	Nitrate	0610_09	Lower Ayish Bayou arm	53	53	15	0.37	AD	CS	CS		No
2008	Nitrate	0610_10	Upper Ayish Bayou arm	28	28	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0610_01	Main pool by the dam	81	81	8	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_02	Lower Angelina River arm	52	52	3	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_03	Mid-Angelina River arm (SH 147)	77	77	10	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_04	Upper mid-Angelina River arm	53	53	5	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_05	Lower Attoyac Bayou arm	53	53	7	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_06	Upper Attoyac Bayou arm	28	28	2	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_07	Upper Angelina River arm	28	28	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_08	Bear Creek arm	52	52	7	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_09	Lower Ayish Bayou arm	52	52	7	0.05	AD	NC	NC		No
2008	Orthophosphorus	0610_10	Upper Ayish Bayou arm	28	28	1	0.05	AD	NC	NC		No
2008	Total Phosphorus	0610_01	Main pool by the dam	79	79	7	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_02	Lower Angelina River arm	53	53	7	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_03	Mid-Angelina River arm (SH 147)	77	77	10	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_04	Upper mid-Angelina River arm	53	53	10	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_05	Lower Attoyac Bayou arm	53	53	11	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_06	Upper Attoyac Bayou arm	28	28	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_07	Upper Angelina River arm	28	28	2	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_08	Bear Creek arm	53	53	7	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_09	Lower Ayish Bayou arm	53	53	6	0.20	AD	NC	NC		No
2008	Total Phosphorus	0610_10	Upper Ayish Bayou arm	28	28	0	0.20	AD	NC	NC		No

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

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### Segment ID: 0610 Sam Rayburn Reservoir

**Water body type:** Reservoir

**Water body size:** 106,666 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**

2008	Temperature	0610_01	Main pool by the dam	323	81	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_02	Lower Angelina River arm	53	53	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_03	Mid-Angelina River arm (SH 147)	286	76	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_04	Upper mid-Angelina River arm	52	52	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_05	Lower Attoyac Bayou arm	52	52	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_06	Upper Attoyac Bayou arm	90	28	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_07	Upper Angelina River arm	124	28	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_08	Bear Creek arm	53	53	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_09	Lower Ayish Bayou arm	53	53	0	33.90	AD	FS	FS	No	
2008	Temperature	0610_10	Upper Ayish Bayou arm	86	29	0	33.90	AD	FS	FS	No	

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**Segment ID: 0610 Sam Rayburn Reservoir**

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

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

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 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: 0610 Sam Rayburn Reservoir**

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**Water body size:** 106,666 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	0610_01	Main pool by the dam				300.00	OE	NC	NC		No
2008	Chloride	0610_02	Lower Angelina River arm				300.00	OE	NC	NC		No
2008	Chloride	0610_03	Mid-Angelina River arm (SH 147)				300.00	OE	NC	NC		No
2008	Chloride	0610_04	Upper mid-Angelina River arm				300.00	OE	NC	NC		No
2008	Chloride	0610_05	Lower Attoyac Bayou arm				300.00	OE	NC	NC		No
2008	Chloride	0610_06	Upper Attoyac Bayou arm				300.00	OE	NC	NC		No
2008	Chloride	0610_07	Upper Angelina River arm				300.00	OE	NC	NC		No
2008	Chloride	0610_08	Bear Creek arm				300.00	OE	NC	NC		No
2008	Chloride	0610_09	Lower Ayish Bayou arm				300.00	OE	NC	NC		No
2008	Chloride	0610_10	Upper Ayish Bayou arm				300.00	OE	NC	NC		No
2008	Sulfate	0610_01	Main pool by the dam				300.00	OE	NC	NC		No
2008	Sulfate	0610_02	Lower Angelina River arm				300.00	OE	NC	NC		No
2008	Sulfate	0610_03	Mid-Angelina River arm (SH 147)				300.00	OE	NC	NC		No
2008	Sulfate	0610_04	Upper mid-Angelina River arm				300.00	OE	NC	NC		No
2008	Sulfate	0610_05	Lower Attoyac Bayou arm				300.00	OE	NC	NC		No
2008	Sulfate	0610_06	Upper Attoyac Bayou arm				300.00	OE	NC	NC		No
2008	Sulfate	0610_07	Upper Angelina River arm				300.00	OE	NC	NC		No
2008	Sulfate	0610_08	Bear Creek arm				300.00	OE	NC	NC		No
2008	Sulfate	0610_09	Lower Ayish Bayou arm				300.00	OE	NC	NC		No
2008	Sulfate	0610_10	Upper Ayish Bayou arm				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_01	Main pool by the dam				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_02	Lower Angelina River arm				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_03	Mid-Angelina River arm (SH 147)				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_04	Upper mid-Angelina River arm				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_05	Lower Attoyac Bayou arm				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_06	Upper Attoyac Bayou arm				1,000.00	OE	NC	NC		No

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

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**Water body type:** Reservoir

**Water body size:** 106,666 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	Total Dissolved Solids	0610_07	Upper Angelina River arm				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_08	Bear Creek arm				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_09	Lower Ayish Bayou arm				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0610_10	Upper Ayish Bayou arm				1,000.00	OE	NC	NC		No

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

2008	Multiple	0610_01	Main pool by the dam					OE	FS	FS		No
2008	Multiple	0610_02	Lower Angelina River arm					OE	FS	FS		No
2008	Multiple	0610_03	Mid-Angelina River arm (SH 147)					OE	FS	FS		No
2008	Multiple	0610_04	Upper mid-Angelina River arm					OE	FS	FS		No
2008	Multiple	0610_05	Lower Attoyac Bayou arm					OE	FS	FS		No
2008	Multiple	0610_06	Upper Attoyac Bayou arm					OE	FS	FS		No
2008	Multiple	0610_07	Upper Angelina River arm					OE	FS	FS		No
2008	Multiple	0610_08	Bear Creek arm					OE	FS	FS		No
2008	Multiple	0610_09	Lower Ayish Bayou arm					OE	FS	FS		No
2008	Multiple	0610_10	Upper Ayish Bayou arm					OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	0610_01	Main pool by the dam					OE	NC	NC		No
2008	Multiple	0610_02	Lower Angelina River arm					OE	NC	NC		No
2008	Multiple	0610_03	Mid-Angelina River arm (SH 147)					OE	NC	NC		No
2008	Multiple	0610_04	Upper mid-Angelina River arm					OE	NC	NC		No
2008	Multiple	0610_05	Lower Attoyac Bayou arm					OE	NC	NC		No
2008	Multiple	0610_06	Upper Attoyac Bayou arm					OE	NC	NC		No
2008	Multiple	0610_07	Upper Angelina River arm					OE	NC	NC		No
2008	Multiple	0610_08	Bear Creek arm					OE	NC	NC		No
2008	Multiple	0610_09	Lower Ayish Bayou arm					OE	NC	NC		No
2008	Multiple	0610_10	Upper Ayish Bayou arm					OE	NC	NC		No

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

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

**Segment ID: 0610 Sam Rayburn Reservoir**

**Water body type:** Reservoir

**Water body size:** 106,666 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

2008	MTBE	0610_01	Main pool by the dam	3	3	0	0.75	240.00	ID	NA	NA	No
2008	MTBE	0610_03	Mid-Angelina River arm (SH 147)	3	3	0	0.75	240.00	ID	NA	NA	No

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

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### Segment ID: 0610 Sam Rayburn Reservoir

Water body type: Reservoir

Water body size: 106,666 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0610_01	Main pool by the dam	70	70	0	1.41	126.00	AD	FS	FS	No
2008	E. coli	0610_02	Lower Angelina River arm	53	53	0	1.21	126.00	AD	FS	FS	No
2008	E. coli	0610_03	Mid-Angelina River arm (SH 147)	69	69	0	1.51	126.00	AD	FS	FS	No
2008	E. coli	0610_04	Upper mid-Angelina River arm	53	53	0	1.73	126.00	AD	FS	FS	No
2008	E. coli	0610_05	Lower Attoyac Bayou arm	53	53	0	1.46	126.00	AD	FS	FS	No
2008	E. coli	0610_06	Upper Attoyac Bayou arm	20	20	0	23.27	126.00	AD	FS	FS	No
2008	E. coli	0610_07	Upper Angelina River arm	19	19	0	4.91	126.00	AD	FS	FS	No
2008	E. coli	0610_08	Bear Creek arm	53	53	0	1.99	126.00	AD	FS	FS	No
2008	E. coli	0610_09	Lower Ayish Bayou arm	53	53	0	1.32	126.00	AD	FS	FS	No
2008	E. coli	0610_10	Upper Ayish Bayou arm	19	19	0	13.30	126.00	AD	FS	FS	No
2008	Fecal coliform	0610_01	Main pool by the dam	36	36	0	1.57	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_02	Lower Angelina River arm	23	23	0	1.06	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_03	Mid-Angelina River arm (SH 147)	36	36	0	1.79	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_04	Upper mid-Angelina River arm	23	23	0	1.64	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_05	Lower Attoyac Bayou arm	23	23	0	1.44	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_06	Upper Attoyac Bayou arm	14	14	0	35.36	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_07	Upper Angelina River arm	13	13	0	10.24	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_08	Bear Creek arm	24	24	0	1.55	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_09	Lower Ayish Bayou arm	24	24	0	1.12	200.00	AD	FS	FS	No
2008	Fecal coliform	0610_10	Upper Ayish Bayou arm	13	13	0	18.97	200.00	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: 0610 Sam Rayburn Reservoir**

**Water body type:** Reservoir

**Water body size:** 106,666 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 Single Sample</b>												
2008	E. coli	0610_01	Main pool by the dam	70	70	0	394.00	AD	FS	FS		No
2008	E. coli	0610_02	Lower Angelina River arm	53	53	0	394.00	AD	FS	FS		No
2008	E. coli	0610_03	Mid-Angelina River arm (SH 147)	69	69	0	394.00	AD	FS	FS		No
2008	E. coli	0610_04	Upper mid-Angelina River arm	53	53	0	394.00	AD	FS	FS		No
2008	E. coli	0610_05	Lower Attoyac Bayou arm	53	53	0	394.00	AD	FS	FS		No
2008	E. coli	0610_06	Upper Attoyac Bayou arm	20	20	2	394.00	AD	FS	FS		No
2008	E. coli	0610_07	Upper Angelina River arm	19	19	0	394.00	AD	FS	FS		No
2008	E. coli	0610_08	Bear Creek arm	53	53	0	394.00	AD	FS	FS		No
2008	E. coli	0610_09	Lower Ayish Bayou arm	53	53	0	394.00	AD	FS	FS		No
2008	E. coli	0610_10	Upper Ayish Bayou arm	19	19	2	394.00	AD	FS	FS		No
2008	Fecal coliform	0610_01	Main pool by the dam	36	36	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_02	Lower Angelina River arm	23	23	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_03	Mid-Angelina River arm (SH 147)	36	36	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_04	Upper mid-Angelina River arm	23	23	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_05	Lower Attoyac Bayou arm	23	23	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_06	Upper Attoyac Bayou arm	14	14	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_07	Upper Angelina River arm	13	13	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_08	Bear Creek arm	24	24	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_09	Lower Ayish Bayou arm	24	24	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0610_10	Upper Ayish Bayou arm	13	13	1	400.00	AD	FS	FS		No

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

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### Segment ID: 0610A Ayish Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0610A_01	Lower portion downstream of US 96	8	8	0	0.33	LD	NC	NC		No
2006	Chlorophyll-a	0610A_01	Lower portion downstream of US 96	1	1	0	14.10	ID	NA	NA		No
2006	Nitrate	0610A_01	Lower portion downstream of US 96	8	8	0	1.95	LD	NC	NC		No
2006	Orthophosphorus	0610A_01	Lower portion downstream of US 96	8	8	0	0.37	LD	NC	NC		No
2006	Total Phosphorus	0610A_01	Lower portion downstream of US 96	8	8	0	0.69	LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0610A_01	Lower portion downstream of US 96	11	11		169.80	AD	NS	NS	5a	No
2006	E. coli	0610A_02	Middle portion from US 96 to SH 21				126.00	ID	NA	NS	5a	Yes
2006	E. coli	0610A_03	Upper portion from SH 21 to headwaters				126.00	ID	NA	NS	5a	Yes
2006	Fecal coliform	0610A_01	Lower portion downstream of US 96	13	13		104.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0610A_01	Lower portion downstream of US 96	11	11	2	394.00	AD	FS	FS		No
2006	Fecal coliform	0610A_01	Lower portion downstream of US 96	13	13	0	400.00	AD	FS	FS		No

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

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### Segment ID: 0611 Angelina River Above Sam Rayburn Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0611_01	Lower boundary to FM 1911	2	2	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0611_03	FM 343 to US 84	10	10	1	5.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0611_01	Lower boundary to FM 1911	2	2	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0611_03	FM 343 to US 84	10	10	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0611_01	Lower boundary to FM 1911	75	28	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0611_02	FM 1911 to FM 343	27	27	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0611_03	FM 343 to US 84	27	27	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0611_04	US 84 to headwaters	23	23	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0611_01	Lower boundary to FM 1911	75	28	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0611_02	FM 1911 to FM 343	26	26	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0611_03	FM 343 to US 84	27	27	2	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0611_04	US 84 to headwaters	23	23	0	5.00	AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	0611_01	Lower boundary to FM 1911	11	11			AD	NC	NC		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: 0611 Angelina River Above Sam Rayburn Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 104 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	0611_01	Lower boundary to FM 1911	102	102	18.49	125.00	AD	FS	FS		No
2008	Chloride	0611_02	FM 1911 to FM 343	102	102	18.49	125.00	AD	FS	FS		No
2008	Chloride	0611_03	FM 343 to US 84	102	102	18.49	125.00	AD	FS	FS		No
2008	Chloride	0611_04	US 84 to headwaters	102	102	18.49	125.00	AD	FS	FS		No
2008	Sulfate	0611_01	Lower boundary to FM 1911	102	102	22.63	50.00	AD	FS	FS		No
2008	Sulfate	0611_02	FM 1911 to FM 343	102	102	22.63	50.00	AD	FS	FS		No
2008	Sulfate	0611_03	FM 343 to US 84	102	102	22.63	50.00	AD	FS	FS		No
2008	Sulfate	0611_04	US 84 to headwaters	102	102	22.63	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0611_01	Lower boundary to FM 1911	109	109	131.95	250.00	AD	FS	FS		No
2008	Total Dissolved Solids	0611_02	FM 1911 to FM 343	109	109	131.95	250.00	AD	FS	FS		No
2008	Total Dissolved Solids	0611_03	FM 343 to US 84	109	109	131.95	250.00	AD	FS	FS		No
2008	Total Dissolved Solids	0611_04	US 84 to headwaters	109	109	131.95	250.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	0611_01	Lower boundary to FM 1911	75	28	0	8.50	AD	FS	FS		No
2008	pH	0611_02	FM 1911 to FM 343	27	27	0	8.50	AD	FS	FS		No
2008	pH	0611_03	FM 343 to US 84	26	26	0	8.50	AD	FS	FS		No
2008	pH	0611_04	US 84 to headwaters	23	23	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0611_01	Lower boundary to FM 1911	75	28	0	6.00	AD	FS	FS		No
2008	pH	0611_02	FM 1911 to FM 343	27	27	0	6.00	AD	FS	FS		No
2008	pH	0611_03	FM 343 to US 84	26	26	0	6.00	AD	FS	FS		No
2008	pH	0611_04	US 84 to headwaters	23	23	1	6.00	AD	FS	FS		No

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### Segment ID: 0611 Angelina River Above Sam Rayburn Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

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

##### Nutrient Screening Levels

2008	Ammonia	0611_01	Lower boundary to FM 1911	26	26	0	0.33	AD	NC	NC		No
2008	Ammonia	0611_02	FM 1911 to FM 343	27	27	0	0.33	AD	NC	NC		No
2008	Ammonia	0611_03	FM 343 to US 84	27	27	12	0.33	AD	CS	CS		No
2008	Ammonia	0611_04	US 84 to headwaters	20	20	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0611_01	Lower boundary to FM 1911	26	26	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0611_02	FM 1911 to FM 343	27	27	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0611_03	FM 343 to US 84	12	12	0	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0611_04	US 84 to headwaters	22	22	0	14.10	AD	NC	NC		No
2008	Nitrate	0611_01	Lower boundary to FM 1911	26	26	0	1.95	AD	NC	NC		No
2008	Nitrate	0611_02	FM 1911 to FM 343	27	27	0	1.95	AD	NC	NC		No
2008	Nitrate	0611_03	FM 343 to US 84	27	27	0	1.95	AD	NC	NC		No
2008	Nitrate	0611_04	US 84 to headwaters	21	21	1	1.95	AD	NC	NC		No
2008	Orthophosphorus	0611_01	Lower boundary to FM 1911	25	25	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0611_02	FM 1911 to FM 343	27	27	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0611_03	FM 343 to US 84	27	27	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	0611_04	US 84 to headwaters	22	22	3	0.37	AD	NC	NC		No
2008	Total Phosphorus	0611_01	Lower boundary to FM 1911	26	26	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0611_02	FM 1911 to FM 343	27	27	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0611_03	FM 343 to US 84	27	27	4	0.69	AD	NC	NC		No
2008	Total Phosphorus	0611_04	US 84 to headwaters	20	20	3	0.69	AD	NC	NC		No

##### Water Temperature

2008	Temperature	0611_01	Lower boundary to FM 1911	75	28	0	32.20	AD	FS	FS		No
2008	Temperature	0611_02	FM 1911 to FM 343	29	29	0	32.20	AD	FS	FS		No
2008	Temperature	0611_03	FM 343 to US 84	27	27	0	32.20	AD	FS	FS		No
2008	Temperature	0611_04	US 84 to headwaters	23	23	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: 0611 Angelina River Above Sam Rayburn Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

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

##### Finished Drinking Water Dissolved Solids average

2008	Chloride	0611_01	Lower boundary to FM 1911				300.00	OE	NC	NC		No
2008	Chloride	0611_02	FM 1911 to FM 343				300.00	OE	NC	NC		No
2008	Chloride	0611_03	FM 343 to US 84				300.00	OE	NC	NC		No
2008	Chloride	0611_04	US 84 to headwaters				300.00	OE	NC	NC		No
2008	Sulfate	0611_01	Lower boundary to FM 1911				300.00	OE	NC	NC		No
2008	Sulfate	0611_02	FM 1911 to FM 343				300.00	OE	NC	NC		No
2008	Sulfate	0611_03	FM 343 to US 84				300.00	OE	NC	NC		No
2008	Sulfate	0611_04	US 84 to headwaters				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	0611_01	Lower boundary to FM 1911				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0611_02	FM 1911 to FM 343				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0611_03	FM 343 to US 84				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0611_04	US 84 to headwaters				1,000.00	OE	NC	NC		No

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

2008	Multiple	0611_01	Lower boundary to FM 1911					OE	FS	FS		No
2008	Multiple	0611_02	FM 1911 to FM 343					OE	FS	FS		No
2008	Multiple	0611_03	FM 343 to US 84					OE	FS	FS		No
2008	Multiple	0611_04	US 84 to headwaters					OE	FS	FS		No

##### Finished Drinking Water MCLs Concern

2008	Multiple	0611_01	Lower boundary to FM 1911					OE	NC	NC		No
2008	Multiple	0611_02	FM 1911 to FM 343					OE	NC	NC		No
2008	Multiple	0611_03	FM 343 to US 84					OE	NC	NC		No
2008	Multiple	0611_04	US 84 to headwaters					OE	NC	NC		No

##### Surface Water Toxic Substances average concern

2008	MTBE	0611_01	Lower boundary to FM 1911	3	3	0	1.00	240.00	ID	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: 0611 Angelina River Above Sam Rayburn Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2008	E. coli	0611_01	Lower boundary to FM 1911	19	19	1	202.81	126.00	AD	NS	NS	5a	No
2008	E. coli	0611_02	FM 1911 to FM 343	18	18	0	70.04	126.00	AD	FS	FS		No
2008	E. coli	0611_03	FM 343 to US 84	24	24	1	239.98	126.00	AD	NS	NS	5a	No
2008	E. coli	0611_04	US 84 to headwaters	19	19	0	113.78	126.00	AD	FS	FS		No
2008	Fecal coliform	0611_01	Lower boundary to FM 1911	13	13	0	161.39	200.00	SM	FS	FS		No
2008	Fecal coliform	0611_02	FM 1911 to FM 343	8	8	0	83.25	200.00	LD	NC	NC		No
2008	Fecal coliform	0611_03	FM 343 to US 84	9	9	0	38.98	200.00	SM	NC	NC		No
2008	Fecal coliform	0611_04	US 84 to headwaters	1	1	0	190.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>													
2008	E. coli	0611_01	Lower boundary to FM 1911	19	19	4		394.00	AD	FS	FS		No
2008	E. coli	0611_02	FM 1911 to FM 343	18	18	1		394.00	AD	FS	FS		No
2008	E. coli	0611_03	FM 343 to US 84	24	24	9		394.00	AD	NS	NS	5a	No
2008	E. coli	0611_04	US 84 to headwaters	19	19	2		394.00	AD	FS	FS		No
2008	Fecal coliform	0611_01	Lower boundary to FM 1911	13	13	2		400.00	SM	FS	FS		No
2008	Fecal coliform	0611_02	FM 1911 to FM 343	8	8	0		400.00	LD	NC	NC		No
2008	Fecal coliform	0611_03	FM 343 to US 84	9	9	1		400.00	SM	NC	NC		No
2008	Fecal coliform	0611_04	US 84 to headwaters	1	1	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: 0611A East Fork Angelina River (unclassified water body)

Water body type: Freshwater Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Lead	0611A_01	Confluence with Grassy Lake area					ID	NA	NS	5c	Yes
2006	Lead	0611A_02	Grassy Lake area to county road near Happy Valley					LD	NC	NS	5c	Yes
2006	Lead	0611A_03	County road near Happy Valley to Wooten Creek					ID	NA	NS	5c	Yes
2006	Lead	0611A_04	Wooten Creek to headwaters					ID	NA	NS	5c	Yes
2006	Multiple	0611A_02	Grassy Lake area to county road near Happy Valley	10	10			AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Lead	0611A_01	Confluence with Grassy Lake area					ID	NA	NS	5c	Yes
2006	Lead	0611A_02	Grassy Lake area to county road near Happy Valley					ID	NA	NS	5c	Yes
2006	Lead	0611A_03	County road near Happy Valley to Wooten Creek					ID	NA	NS	5c	Yes
2006	Lead	0611A_04	Wooten Creek to headwaters					ID	NA	NS	5c	Yes
2006	Multiple	0611A_02	Grassy Lake area to county road near Happy Valley	10	10			AD	FS	FS		No

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

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### Segment ID: 0611A East Fork Angelina River (unclassified water body)

Water body type: Freshwater Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0611A_02	Grassy Lake area to county road near Happy Valley	15	15	0	0.33	AD	NC	NC		No
2006	Chlorophyll-a	0611A_02	Grassy Lake area to county road near Happy Valley	15	15	0	14.10	AD	NC	NC		No
2006	Nitrate	0611A_02	Grassy Lake area to county road near Happy Valley	15	15	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	0611A_02	Grassy Lake area to county road near Happy Valley	15	15	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	0611A_02	Grassy Lake area to county road near Happy Valley	15	15	0	0.69	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0611A_01	Confluence with Grassy Lake area	0	0	0	126.00	ID	NA	NS	5a	Yes
2006	E. coli	0611A_02	Grassy Lake area to county road near Happy Valley	13	13		115.70	AD	FS	FS		No
2008	Fecal coliform	0611A_04	Wooten Creek to headwaters	6	6	1	209.84	LD	CN	CN		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0611A_02	Grassy Lake area to county road near Happy Valley	13	13	1	394.00	AD	FS	FS		No
2008	Fecal coliform	0611A_04	Wooten Creek to headwaters	6	6	0	400.00	LD	NC	NC		No

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### Segment ID: 0611B La Nana Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 32 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0611B_01	Mouth to unimproved road near FM 3228/1275	20	20	1	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0611B_02	Unimproved road near FM 3228/1275 to SH 7	20	20	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0611B_01	Mouth to unimproved road near FM 3228/1275	20	20	3	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0611B_02	Unimproved road near FM 3228/1275 to SH 7	20	20	0	5.00	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0611B_01	Mouth to unimproved road near FM 3228/1275	17	17		261.50	AD	NS	NS	5a	No
2006	E. coli	0611B_02	Unimproved road near FM 3228/1275 to SH 7	17	17		548.00	AD	NS	NS	5a	No
2006	Fecal coliform	0611B_01	Mouth to unimproved road near FM 3228/1275	11	11		110.00	SM	FS	FS		No
2006	Fecal coliform	0611B_02	Unimproved road near FM 3228/1275 to SH 7	10	10		194.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0611B_01	Mouth to unimproved road near FM 3228/1275	17	17	5	394.00	AD	FS	FS		No
2006	E. coli	0611B_02	Unimproved road near FM 3228/1275 to SH 7	17	17	12	394.00	AD	NS	NS	5a	No
2006	Fecal coliform	0611B_01	Mouth to unimproved road near FM 3228/1275	11	11	1	400.00	SM	FS	FS		No
2006	Fecal coliform	0611B_02	Unimproved road near FM 3228/1275 to SH 7	20	20	3	400.00	SM	FS	FS		No

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

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### Segment ID: 0611C Mud Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 45 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0611C_01	Lower portion of water body					AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0611C_01	Lower portion of water body	37	37	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0611C_02	Upper portion of water body	24	24	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0611C_01	Lower portion of water body	37	37	5	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0611C_02	Upper portion of water body	24	24	4	5.00	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0611C_01	Lower portion of water body	34	34		116.00	AD	FS	FS		No
2006	E. coli	0611C_02	Upper portion of water body	22	22		78.00	AD	FS	FS		No
2006	Fecal coliform	0611C_01	Lower portion of water body	18	18		51.00	AD	FS	FS		No
2006	Fecal coliform	0611C_02	Upper portion of water body	22	22		58.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0611C_01	Lower portion of water body	34	34	4	394.00	AD	FS	FS		No
2006	E. coli	0611C_02	Upper portion of water body	22	22	0	394.00	AD	FS	FS		No
2006	Fecal coliform	0611C_01	Lower portion of water body	18	18	2	400.00	AD	FS	FS		No
2006	Fecal coliform	0611C_02	Upper portion of water body	22	22	0	400.00	AD	FS	FS		No

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### Segment ID: 0611D West Mud Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 23 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0611D_01 Entire Segment						AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0611D_01 Entire Segment	27	27	0		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0611D_01 Entire Segment	27	27	0		3.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0611D_01 Entire Segment	36	36	4		0.33	AD	NC	NC		No
2006	Chlorophyll-a	0611D_01 Entire Segment	5	5	0		14.10	LD	NC	NC		No
2006	Nitrate	0611D_01 Entire Segment	28	28	20		1.95	AD	CS	CS		No
2006	Orthophosphorus	0611D_01 Entire Segment	28	28	16		0.37	AD	CS	CS		No
2006	Total Phosphorus	0611D_01 Entire Segment	28	28	18		0.69	AD	CS	CS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0611D_01 Entire Segment	25	25		118.00	126.00	AD	FS	FS		No
2006	Fecal coliform	0611D_01 Entire Segment	19	19		73.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0611D_01 Entire Segment	25	25	2		394.00	AD	FS	FS		No
2006	Fecal coliform	0611D_01 Entire Segment	19	19	0		400.00	AD	FS	FS		No

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### Segment ID: 0611H Ragsdale Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 6 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>												
2006	Dissolved Oxygen Grab	0611H_01 Entire water body	10	10	1	3.00	AD	FS	FS			No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0611H_01 Entire water body	10	10	1	4.00	AD	NC	NC			No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0611H_01 Entire water body	0	0			ID	NA	NA			No
<b>Bacteria Single Sample</b>												
2006	E. coli	0611H_01 Entire water body	0	0			ID	NA	NA			No

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### Segment ID: 0611Q Lake Nacogdoches (unclassified water body)

Water body type: Reservoir

Water body size: 2,210 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0611Q_01 Entire reservoir	14	14	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0611Q_01 Entire reservoir	14	14	0		5.00	AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2006	Risk Assess.- No Advisory	0611Q_01 Entire reservoir						OE	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0611Q_01 Entire reservoir	18	18	10		0.11	AD	CS	CS		No
2006	Chlorophyll-a	0611Q_01 Entire reservoir	10	10	1		26.70	TR	NA	NA		No
2006	Nitrate	0611Q_01 Entire reservoir	18	18	12		0.37	AD	CS	CS		No
2006	Orthophosphorus	0611Q_01 Entire reservoir	18	18	5		0.05	AD	CS	CS		No
2006	Total Phosphorus	0611Q_01 Entire reservoir	18	18	1		0.20	AD	NC	NC		No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2006	Multiple	0611Q_01 Entire reservoir						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2006	Multiple	0611Q_01 Entire reservoir						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2006	Multiple	0611Q_01 Entire reservoir						OE	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0611Q_01 Entire reservoir	18	18		4.20	126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0611Q_01 Entire reservoir	18	18	1		394.00	AD	FS	FS		No

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### Segment ID: 0611R Lake Striker (unclassified water body)

Water body type: Reservoir

Water body size: 1,958 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0611R_01 Entire Lake	15	15	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0611R_01 Entire Lake	15	15	0		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0611R_01 Entire Lake	18	18	12		0.11	AD	CS	CS		No
2006	Chlorophyll-a	0611R_01 Entire Lake	10	10			0.00	TR	NA	NA		No
2006	Nitrate	0611R_01 Entire Lake	18	18	12		0.37	AD	CS	CS		No
2006	Orthophosphorus	0611R_01 Entire Lake	16	16	1		0.05	AD	NC	NC		No
2006	Total Phosphorus	0611R_01 Entire Lake	18	18	0		0.20	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0611R_01 Entire Lake	16	16		8.80	126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0611R_01 Entire Lake	16	16	2		394.00	AD	FS	FS		No

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**Segment ID: 0612 Attoyac Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 82 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>												
2008	Dissolved Oxygen 24hr Avg	0612_01	Mouth to 8.2 miles downstream of SH 7	2	2	0	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0612_01	Mouth to 8.2 miles downstream of SH 7	2	2	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0612_01	Mouth to 8.2 miles downstream of SH 7	22	22	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0612_03	Bear Creek to headwaters	26	26	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0612_01	Mouth to 8.2 miles downstream of SH 7	22	22	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0612_03	Bear Creek to headwaters	26	26	1	5.00	AD	NC	NC		No

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

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**Segment ID: 0612 Attoyac Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 82 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	0612_01	Mouth to 8.2 miles downstream of SH 7	58	58	12.69	75.00	AD	FS	FS	No	
2008	Chloride	0612_02	8.2 miles below SH 7 to Bear Creek confluence	58	58	12.69	75.00	AD	FS	FS	No	
2008	Chloride	0612_03	Bear Creek to headwaters	58	58	12.69	75.00	AD	FS	FS	No	
2008	Sulfate	0612_01	Mouth to 8.2 miles downstream of SH 7	58	58	20.75	50.00	AD	FS	FS	No	
2008	Sulfate	0612_02	8.2 miles below SH 7 to Bear Creek confluence	58	58	20.75	50.00	AD	FS	FS	No	
2008	Sulfate	0612_03	Bear Creek to headwaters	58	58	20.75	50.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0612_01	Mouth to 8.2 miles downstream of SH 7	62	62	96.78	200.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0612_02	8.2 miles below SH 7 to Bear Creek confluence	62	62	96.78	200.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0612_03	Bear Creek to headwaters	62	62	96.78	200.00	AD	FS	FS	No	
<b>High pH</b>												
2008	pH	0612_01	Mouth to 8.2 miles downstream of SH 7	22	22	0	8.50	AD	FS	FS	No	
2008	pH	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	0	8.50	AD	FS	FS	No	
2008	pH	0612_03	Bear Creek to headwaters	27	27	0	8.50	AD	FS	FS	No	
<b>Low pH</b>												
2008	pH	0612_01	Mouth to 8.2 miles downstream of SH 7	22	22	0	6.00	AD	FS	FS	No	
2008	pH	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	1	6.00	AD	FS	FS	No	
2008	pH	0612_03	Bear Creek to headwaters	27	27	1	6.00	AD	FS	FS	No	

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### Segment ID: 0612 Attoyac Bayou

Water body type: Freshwater Stream

Water body size: 82 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	0612_01	Mouth to 8.2 miles downstream of SH 7	18	18	1	0.33	AD	NC	NC		No
2008	Ammonia	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	12	0.33	AD	CS	CS		No
2008	Ammonia	0612_03	Bear Creek to headwaters	27	27	10	0.33	AD	CS	CS		No
2008	Chlorophyll-a	0612_01	Mouth to 8.2 miles downstream of SH 7	6	6	0	14.10	LD	NC	NC		No
2008	Chlorophyll-a	0612_02	8.2 miles below SH 7 to Bear Creek confluence	12	12	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0612_03	Bear Creek to headwaters	11	11	2	14.10	AD	NC	NC		No
2008	Nitrate	0612_01	Mouth to 8.2 miles downstream of SH 7	18	18	4	1.95	AD	NC	NC		No
2008	Nitrate	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	1	1.95	AD	NC	NC		No
2008	Nitrate	0612_03	Bear Creek to headwaters	27	27	2	1.95	AD	NC	NC		No
2008	Orthophosphorus	0612_01	Mouth to 8.2 miles downstream of SH 7	18	18	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0612_03	Bear Creek to headwaters	26	26	1	0.37	AD	NC	NC		No
2008	Total Phosphorus	0612_01	Mouth to 8.2 miles downstream of SH 7	18	18	2	0.69	AD	NC	NC		No
2008	Total Phosphorus	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0612_03	Bear Creek to headwaters	26	26	1	0.69	AD	NC	NC		No

#### Water Temperature

2008	Temperature	0612_01	Mouth to 8.2 miles downstream of SH 7	22	22	0	32.20	AD	FS	FS		No
2008	Temperature	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	0	32.20	AD	FS	FS		No
2008	Temperature	0612_03	Bear Creek to headwaters	27	27	0	32.20	AD	FS	FS		No

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**Segment ID: 0612 Attoyac Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 82 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	0612_01	Mouth to 8.2 miles downstream of SH 7				300.00	OE	NC	NC		No
2008	Chloride	0612_03	Bear Creek to headwaters				300.00	OE	NC	NC		No
2008	Multiple	0612_02	8.2 miles below SH 7 to Bear Creek confluence					OE	NC	NC		No
2008	Sulfate	0612_01	Mouth to 8.2 miles downstream of SH 7				300.00	OE	NC	NC		No
2008	Sulfate	0612_03	Bear Creek to headwaters				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	0612_01	Mouth to 8.2 miles downstream of SH 7				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0612_03	Bear Creek to headwaters				1,000.00	OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0612_01	Mouth to 8.2 miles downstream of SH 7					OE	FS	FS		No
2008	Multiple	0612_02	8.2 miles below SH 7 to Bear Creek confluence					OE	FS	FS		No
2008	Multiple	0612_03	Bear Creek to headwaters					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0612_01	Mouth to 8.2 miles downstream of SH 7					OE	NC	NC		No
2008	Multiple	0612_02	8.2 miles below SH 7 to Bear Creek confluence					OE	NC	NC		No
2008	Multiple	0612_03	Bear Creek to headwaters					OE	NC	NC		No

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**Segment ID: 0612 Attoyac Bayou**

**Water body type:** Freshwater Stream

**Water body size:** 82 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	0612_01	Mouth to 8.2 miles downstream of SH 7	14	14	1	216.44	126.00	AD	NS	NS	5a	No
2008	E. coli	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	1	221.55	126.00	AD	NS	NS	5a	No
2008	E. coli	0612_03	Bear Creek to headwaters	23	23	1	262.39	126.00	AD	NS	NS	5a	No
2008	Fecal coliform	0612_01	Mouth to 8.2 miles downstream of SH 7	13	13	0	89.22	200.00	SM	FS	FS		No
2008	Fecal coliform	0612_03	Bear Creek to headwaters	11	11	0	111.59	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>													
2008	E. coli	0612_01	Mouth to 8.2 miles downstream of SH 7	14	14	5		394.00	AD	CN	CN		No
2008	E. coli	0612_02	8.2 miles below SH 7 to Bear Creek confluence	13	13	2		394.00	AD	FS	FS		No
2008	E. coli	0612_03	Bear Creek to headwaters	24	24	7		394.00	AD	CN	CN		No
2008	Fecal coliform	0612_01	Mouth to 8.2 miles downstream of SH 7	13	13	2		400.00	SM	FS	FS		No
2008	Fecal coliform	0612_03	Bear Creek to headwaters	11	11	2		400.00	SM	FS	FS		No

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### Segment ID: 0612C Pinkston Reservoir (unclassified water body)

Water body type: Reservoir

Water body size: 523 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><u>Fish Consumption Use</u></b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Arsenic	0612C_01 Entire reservoir	13	13	3	0.04		AD	NC	NC		No
2006	Cadmium	0612C_01 Entire reservoir	13	13	0	0.23		AD	NC	NC		No
2006	Mercury	0612C_01 Entire reservoir	13	13	3	0.53		AD	NC	NC		No
<b><u>Public Water Supply Use</u></b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2006	Multiple	0612C_01 Entire reservoir						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2006	Multiple	0612C_01 Entire reservoir						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2006	Multiple	0612C_01 Entire reservoir						OE	NC	NC		No

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**Segment ID: 0613 Lake Tyler/Lake Tyler East**

**Water body type:** Reservoir

**Water body size:** 4,880 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 minimum</b>												
2008	Dissolved Oxygen Grab	0613_01	Lake Tyler lower reservoir	130	26	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0613_02	Lake Tyler upper reservoir	127	26	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0613_03	Lake Tyler East lower reservoir	124	27	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0613_04	Lake Tyler East upper reservoir	65	29	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0613_01	Lake Tyler lower reservoir	130	26	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0613_02	Lake Tyler upper reservoir	127	26	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0613_03	Lake Tyler East lower reservoir	124	27	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0613_04	Lake Tyler East upper reservoir	65	29	0	5.00	AD	NC	NC		No

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### Segment ID: 0613 Lake Tyler/Lake Tyler East

Water body type: Reservoir

Water body size: 4,880 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0613_01	Lake Tyler lower reservoir	105	105		11.20	50.00	AD	FS	FS	No
2008	Chloride	0613_02	Lake Tyler upper reservoir	105	105		11.20	50.00	AD	FS	FS	No
2008	Chloride	0613_03	Lake Tyler East lower reservoir	105	105		11.20	50.00	AD	FS	FS	No
2008	Chloride	0613_04	Lake Tyler East upper reservoir	105	105		11.20	50.00	AD	FS	FS	No
2008	Sulfate	0613_01	Lake Tyler lower reservoir	105	105		8.38	50.00	AD	FS	FS	No
2008	Sulfate	0613_02	Lake Tyler upper reservoir	105	105		8.38	50.00	AD	FS	FS	No
2008	Sulfate	0613_03	Lake Tyler East lower reservoir	105	105		8.38	50.00	AD	FS	FS	No
2008	Sulfate	0613_04	Lake Tyler East upper reservoir	105	105		8.38	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	0613_01	Lake Tyler lower reservoir	111	111		69.66	200.00	AD	FS	FS	No
2008	Total Dissolved Solids	0613_02	Lake Tyler upper reservoir	111	111		69.66	200.00	AD	FS	FS	No
2008	Total Dissolved Solids	0613_03	Lake Tyler East lower reservoir	111	111		69.66	200.00	AD	FS	FS	No
2008	Total Dissolved Solids	0613_04	Lake Tyler East upper reservoir	111	111		69.66	200.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0613_01	Lake Tyler lower reservoir	130	26	0		9.00	AD	FS	FS	No
2008	pH	0613_02	Lake Tyler upper reservoir	127	26	0		9.00	AD	FS	FS	No
2008	pH	0613_03	Lake Tyler East lower reservoir	124	27	0		9.00	AD	FS	FS	No
2008	pH	0613_04	Lake Tyler East upper reservoir	62	28	0		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0613_01	Lake Tyler lower reservoir	130	26	0		6.50	AD	FS	FS	No
2008	pH	0613_02	Lake Tyler upper reservoir	127	26	0		6.50	AD	FS	FS	No
2008	pH	0613_03	Lake Tyler East lower reservoir	124	27	0		6.50	AD	FS	FS	No
2008	pH	0613_04	Lake Tyler East upper reservoir	62	28	1		6.50	AD	FS	FS	No

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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: 0613 Lake Tyler/Lake Tyler East

Water body type: Reservoir

Water body size: 4,880 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

#### Nutrient Screening Levels

2008	Ammonia	0613_01	Lake Tyler lower reservoir	25	25	3	0.11	AD	NC	NC	No
2008	Ammonia	0613_02	Lake Tyler upper reservoir	26	26	1	0.11	AD	NC	NC	No
2008	Ammonia	0613_03	Lake Tyler East lower reservoir	25	25	4	0.11	AD	NC	NC	No
2008	Ammonia	0613_04	Lake Tyler East upper reservoir	26	26	2	0.11	AD	NC	NC	No
2008	Chlorophyll-a	0613_01	Lake Tyler lower reservoir	25	25	1	26.70	AD	NC	NC	No
2008	Chlorophyll-a	0613_02	Lake Tyler upper reservoir	26	26	1	26.70	AD	NC	NC	No
2008	Chlorophyll-a	0613_03	Lake Tyler East lower reservoir	28	28	1	26.70	AD	NC	NC	No
2008	Chlorophyll-a	0613_04	Lake Tyler East upper reservoir	26	26	1	26.70	AD	NC	NC	No
2008	Nitrate	0613_01	Lake Tyler lower reservoir	25	25	0	0.37	AD	NC	NC	No
2008	Nitrate	0613_02	Lake Tyler upper reservoir	26	26	0	0.37	AD	NC	NC	No
2008	Nitrate	0613_03	Lake Tyler East lower reservoir	28	28	0	0.37	AD	NC	NC	No
2008	Nitrate	0613_04	Lake Tyler East upper reservoir	26	26	0	0.37	AD	NC	NC	No
2008	Orthophosphorus	0613_01	Lake Tyler lower reservoir	25	25	0	0.05	AD	NC	NC	No
2008	Orthophosphorus	0613_02	Lake Tyler upper reservoir	26	26	0	0.05	AD	NC	NC	No
2008	Orthophosphorus	0613_03	Lake Tyler East lower reservoir	28	28	0	0.05	AD	NC	NC	No
2008	Orthophosphorus	0613_04	Lake Tyler East upper reservoir	26	26	1	0.05	AD	NC	NC	No
2008	Total Phosphorus	0613_01	Lake Tyler lower reservoir	24	24	0	0.20	AD	NC	NC	No
2008	Total Phosphorus	0613_02	Lake Tyler upper reservoir	25	25	0	0.20	AD	NC	NC	No
2008	Total Phosphorus	0613_03	Lake Tyler East lower reservoir	24	24	0	0.20	AD	NC	NC	No
2008	Total Phosphorus	0613_04	Lake Tyler East upper reservoir	25	25	0	0.20	AD	NC	NC	No

#### Water Temperature

2008	Temperature	0613_01	Lake Tyler lower reservoir	130	26	0	33.90	AD	FS	FS	No
2008	Temperature	0613_02	Lake Tyler upper reservoir	127	26	0	33.90	AD	FS	FS	No
2008	Temperature	0613_03	Lake Tyler East lower reservoir	124	27	0	33.90	AD	FS	FS	No
2008	Temperature	0613_04	Lake Tyler East upper reservoir	65	29	0	33.90	AD	FS	FS	No

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

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**Segment ID: 0613 Lake Tyler/Lake Tyler East**

**Water body type:** Reservoir

**Water body size:** 4,880 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	0613_01	Lake Tyler lower reservoir				300.00	OE	NC	NC		No
2008	Chloride	0613_02	Lake Tyler upper reservoir				300.00	OE	NC	NC		No
2008	Chloride	0613_03	Lake Tyler East lower reservoir				300.00	OE	NC	NC		No
2008	Chloride	0613_04	Lake Tyler East upper reservoir				300.00	OE	NC	NC		No
2008	Sulfate	0613_01	Lake Tyler lower reservoir				300.00	OE	NC	NC		No
2008	Sulfate	0613_02	Lake Tyler upper reservoir				300.00	OE	NC	NC		No
2008	Sulfate	0613_03	Lake Tyler East lower reservoir				300.00	OE	NC	NC		No
2008	Sulfate	0613_04	Lake Tyler East upper reservoir				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	0613_01	Lake Tyler lower reservoir				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0613_02	Lake Tyler upper reservoir				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0613_03	Lake Tyler East lower reservoir				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0613_04	Lake Tyler East upper reservoir				1,000.00	OE	NC	NC		No

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

2008	Multiple	0613_01	Lake Tyler lower reservoir					OE	FS	FS		No
2008	Multiple	0613_02	Lake Tyler upper reservoir					OE	FS	FS		No
2008	Multiple	0613_03	Lake Tyler East lower reservoir					OE	FS	FS		No
2008	Multiple	0613_04	Lake Tyler East upper reservoir					OE	FS	FS		No

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

2008	Multiple	0613_01	Lake Tyler lower reservoir					OE	NC	NC		No
2008	Multiple	0613_02	Lake Tyler upper reservoir					OE	NC	NC		No
2008	Multiple	0613_03	Lake Tyler East lower reservoir					OE	NC	NC		No
2008	Multiple	0613_04	Lake Tyler East upper reservoir					OE	NC	NC		No

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

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**Segment ID: 0613 Lake Tyler/Lake Tyler East**

**Water body type:** Reservoir

**Water body size:** 4,880 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0613_01	Lake Tyler lower reservoir	21	21	0	1.74	126.00	AD	FS	FS	No
2008	E. coli	0613_02	Lake Tyler upper reservoir	21	21	0	2.95	126.00	AD	FS	FS	No
2008	E. coli	0613_03	Lake Tyler East lower reservoir	20	20	0	2.32	126.00	AD	FS	FS	No
2008	E. coli	0613_04	Lake Tyler East upper reservoir	21	21	0	5.20	126.00	AD	FS	FS	No
2008	Fecal coliform	0613_01	Lake Tyler lower reservoir	8	8	0	2.94	200.00	LD	NC	NC	No
2008	Fecal coliform	0613_02	Lake Tyler upper reservoir	8	8	0	2.71	200.00	LD	NC	NC	No
2008	Fecal coliform	0613_03	Lake Tyler East lower reservoir	7	7	0	1.74	200.00	LD	NC	NC	No
2008	Fecal coliform	0613_04	Lake Tyler East upper reservoir	7	7	0	9.59	200.00	LD	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0613_01	Lake Tyler lower reservoir	21	21	0		394.00	AD	FS	FS	No
2008	E. coli	0613_02	Lake Tyler upper reservoir	21	21	0		394.00	AD	FS	FS	No
2008	E. coli	0613_03	Lake Tyler East lower reservoir	20	20	0		394.00	AD	FS	FS	No
2008	E. coli	0613_04	Lake Tyler East upper reservoir	21	21	2		394.00	AD	FS	FS	No
2008	Fecal coliform	0613_01	Lake Tyler lower reservoir	8	8	0		400.00	LD	NC	NC	No
2008	Fecal coliform	0613_02	Lake Tyler upper reservoir	8	8	0		400.00	LD	NC	NC	No
2008	Fecal coliform	0613_03	Lake Tyler East lower reservoir	7	7	0		400.00	LD	NC	NC	No
2008	Fecal coliform	0613_04	Lake Tyler East upper reservoir	7	7	0		400.00	LD	NC	NC	No

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

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**Segment ID: 0614 Lake Jacksonville**

**Water body type:** Reservoir

**Water body size:** 1,320 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 minimum</b>												
2008	Dissolved Oxygen Grab	0614_01	Lower reservoir	168	28	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0614_02	Upper reservoir	62	28	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0614_01	Lower reservoir	168	28	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0614_02	Upper reservoir	62	28	0	5.00	AD	NC	NC		No

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

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### Segment ID: 0614 Lake Jacksonville

Water body type: Reservoir

Water body size: 1,320 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0614_01	Lower reservoir	57	57	7.25	50.00	AD	FS	FS		No
2008	Chloride	0614_02	Upper reservoir	57	57	7.25	50.00	AD	FS	FS		No
2008	Sulfate	0614_01	Lower reservoir	57	57	5.53	75.00	AD	FS	FS		No
2008	Sulfate	0614_02	Upper reservoir	57	57	5.53	75.00	AD	FS	FS		No
2008	Total Dissolved Solids	0614_01	Lower reservoir	57	57	59.94	750.00	AD	FS	FS		No
2008	Total Dissolved Solids	0614_02	Upper reservoir	57	57	59.94	750.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	0614_01	Lower reservoir	168	28	0	9.00	AD	FS	FS		No
2008	pH	0614_02	Upper reservoir	62	28	1	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0614_01	Lower reservoir	168	28	0	6.50	AD	FS	FS		No
2008	pH	0614_02	Upper reservoir	62	28	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0614_01	Lower reservoir	29	29	0	0.11	AD	NC	NC		No
2008	Ammonia	0614_02	Upper reservoir	27	27	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	0614_01	Lower reservoir	28	28	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0614_02	Upper reservoir	27	27	0	26.70	AD	NC	NC		No
2008	Nitrate	0614_01	Lower reservoir	29	29	0	0.37	AD	NC	NC		No
2008	Nitrate	0614_02	Upper reservoir	28	28	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0614_01	Lower reservoir	29	29	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	0614_02	Upper reservoir	28	28	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	0614_01	Lower reservoir	29	29	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	0614_02	Upper reservoir	27	27	0	0.20	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0614_01	Lower reservoir	168	28	0	33.90	AD	FS	FS		No
2008	Temperature	0614_02	Upper reservoir	62	28	0	33.90	AD	FS	FS		No

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### Segment ID: 0614 Lake Jacksonville

Water body type: Reservoir

Water body size: 1,320 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Chloride	0614_01	Lower reservoir				300.00	OE	NC	NC		No
2008	Chloride	0614_02	Upper reservoir				300.00	OE	NC	NC		No
2008	Sulfate	0614_01	Lower reservoir				300.00	OE	NC	NC		No
2008	Sulfate	0614_02	Upper reservoir				300.00	OE	NC	NC		No
2008	Total Dissolved Solids	0614_01	Lower reservoir				1,000.00	OE	NC	NC		No
2008	Total Dissolved Solids	0614_02	Upper reservoir				1,000.00	OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0614_01	Lower reservoir					OE	FS	FS		No
2008	Multiple	0614_02	Upper reservoir					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0614_01	Lower reservoir					OE	NC	NC		No
2008	Multiple	0614_02	Upper reservoir					OE	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0614_01	Lower reservoir	19	19	0	1.85	126.00	AD	FS	FS	No
2008	E. coli	0614_02	Upper reservoir	19	19	0	2.64	126.00	AD	FS	FS	No
2008	Fecal coliform	0614_01	Lower reservoir	8	8	0	1.91	200.00	LD	NC	NC	No
2008	Fecal coliform	0614_02	Upper reservoir	4	4	0	1.19	200.00	LD	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0614_01	Lower reservoir	19	19	0		394.00	AD	FS	FS	No
2008	E. coli	0614_02	Upper reservoir	19	19	0		394.00	AD	FS	FS	No
2008	Fecal coliform	0614_01	Lower reservoir	8	8	0		400.00	LD	NC	NC	No
2008	Fecal coliform	0614_02	Upper reservoir	4	4	0		400.00	LD	NC	NC	No

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### Segment ID: 0615 Angelina River/Sam Rayburn Reservoir

Water body type: Reservoir

Water body size: 5,068 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	0615_02	Downstream of Papermill Creek	14	14	4	991.00	JQ	NA	NA		No
2006	Multiple	0615_01	Upstream of Papermill Creek					AD	FS	FS		No
2006	Multiple	0615_02	Downstream of Papermill Creek					AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0615_01	Upstream of Papermill Creek	3	3	1	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0615_02	Downstream of Papermill Creek	13	13	6	5.00	AD	NS	NS	5c	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0615_01	Upstream of Papermill Creek	3	3	1	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0615_02	Downstream of Papermill Creek	13	13	1	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0615_01	Upstream of Papermill Creek	79	28	0	3.00	AD	FS	NS	5c	Yes
2008	Dissolved Oxygen Grab	0615_02	Downstream of Papermill Creek	92	28	2	3.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0615_01	Upstream of Papermill Creek	79	28	6	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0615_02	Downstream of Papermill Creek	92	28	9	5.00	SM	CS	CS		No
<b>Fish Community</b>												
2008	Fish Community	0615_02	Downstream of Papermill Creek					ID	NA	NS	5c	Yes
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	0615_02	Downstream of Papermill Creek	17	17			AD	NC	NC		No
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Mercury	0615_01	Upstream of Papermill Creek					OE	NS	NS	5c	No
2008	Mercury	0615_02	Downstream of Papermill Creek					OE	NS	NS	5c	No

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### Segment ID: 0615 Angelina River/Sam Rayburn Reservoir

Water body type: Reservoir

Water body size: 5,068 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0615_01	Upstream of Papermill Creek	56	56	29.29	150.00	AD	FS	FS		No
2008	Chloride	0615_02	Downstream of Papermill Creek	56	56	29.29	150.00	AD	FS	FS		No
2008	Sulfate	0615_01	Upstream of Papermill Creek	56	56	39.98	100.00	AD	FS	FS		No
2008	Sulfate	0615_02	Downstream of Papermill Creek	56	56	39.98	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	0615_01	Upstream of Papermill Creek	56	56	203.15	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	0615_02	Downstream of Papermill Creek	56	56	203.15	500.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	0615_01	Upstream of Papermill Creek	79	28	0	9.00	AD	FS	FS		No
2008	pH	0615_02	Downstream of Papermill Creek	92	28	0	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0615_01	Upstream of Papermill Creek	79	28	2	6.50	AD	FS	FS		No
2008	pH	0615_02	Downstream of Papermill Creek	92	28	0	6.50	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0615_01	Upstream of Papermill Creek	28	28	2	0.11	AD	NC	NC		No
2008	Ammonia	0615_02	Downstream of Papermill Creek	28	28	8	0.11	AD	CS	CS		No
2008	Chlorophyll-a	0615_01	Upstream of Papermill Creek	28	28	1	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0615_02	Downstream of Papermill Creek	28	28	0	26.70	AD	NC	NC		No
2008	Nitrate	0615_01	Upstream of Papermill Creek	28	28	8	0.37	AD	CS	CS		No
2008	Nitrate	0615_02	Downstream of Papermill Creek	28	28	10	0.37	AD	CS	CS		No
2008	Orthophosphorus	0615_01	Upstream of Papermill Creek	27	27	8	0.05	AD	CS	CS		No
2008	Orthophosphorus	0615_02	Downstream of Papermill Creek	27	27	11	0.05	AD	CS	CS		No
2008	Total Phosphorus	0615_01	Upstream of Papermill Creek	27	27	3	0.20	AD	NC	NC		No
2008	Total Phosphorus	0615_02	Downstream of Papermill Creek	27	27	11	0.20	AD	CS	CS		No
<b>Water Temperature</b>												
2008	Temperature	0615_01	Upstream of Papermill Creek	79	28	0	33.90	AD	FS	FS		No
2008	Temperature	0615_02	Downstream of Papermill Creek	92	28	0	33.90	AD	FS	FS		No

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### Segment ID: 0615 Angelina River/Sam Rayburn Reservoir

Water body type: Reservoir

Water body size: 5,068 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	0615_01						OE	NC	NC		No
2008	Multiple	0615_02						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0615_01						OE	FS	FS		No
2008	Multiple	0615_02						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0615_01						OE	NC	NC		No
2008	Multiple	0615_02						OE	NC	NC		No
<b>Surface Water Toxic Substances average concern</b>												
2008	Atrazine	0615_01	1	1	0	1.50	3.00	ID	NA	NA		No
2008	Atrazine	0615_02	1	1	0	1.50	3.00	ID	NA	NA		No
2008	MTBE	0615_01	4	4	0	0.81	240.00	LD	NA	NA		No
2008	MTBE	0615_02	4	4	0	1.44	240.00	LD	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0615_01	18	18	0	116.72	126.00	AD	FS	FS		No
2008	E. coli	0615_02	19	19	1	187.26	126.00	AD	NS	NS	5c	No
2008	Fecal coliform	0615_01	12	12	0	111.20	200.00	AD	FS	FS		No
2008	Fecal coliform	0615_02	13	13	0	130.77	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2008	E. coli	0615_01	18	18	2		394.00	AD	FS	FS		No
2008	E. coli	0615_02	19	19	4		394.00	AD	FS	FS		No
2008	Fecal coliform	0615_01	12	12	2		400.00	AD	FS	FS		No
2008	Fecal coliform	0615_02	13	13	2		400.00	AD	FS	FS		No

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

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

### Segment ID: 0615A Papermill Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 9 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Aluminum	0615A_01 Lower 9 miles	14	14	0	8,314.00		AD	FS	FS		No
2006	Copper	0615A_01 Lower 9 miles	14	14		17.20		AD	FS	FS		No
2006	Multiple	0615A_01 Lower 9 miles	14	14				AD	FS	FS		No
2006	Zinc	0615A_01 Lower 9 miles	14	14	0	107.90		AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0615A_01 Lower 9 miles	19	19	3	3.00		AD		CN		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0615A_01 Lower 9 miles	19	19	7	5.00		AD	CS	CS		No
<b>General Use</b>												
<b>High pH</b>												
2006	pH	0615A_01 Lower 9 miles	19	19	0	9.00		AD	FS	FS		No
<b>Low pH</b>												
2006	pH	0615A_01 Lower 9 miles	19	19	0	6.50		AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0615A_01 Lower 9 miles	19	19	6	0.33		AD	CS	CS		No
2006	Chlorophyll-a	0615A_01 Lower 9 miles	20	20	2	14.10		AD	NC	NC		No
2006	Nitrate	0615A_01 Lower 9 miles	19	19	3	1.95		AD	NC	NC		No
2006	Orthophosphorus	0615A_01 Lower 9 miles	20	20	4	0.37		AD	NC	NC		No
2006	Total Phosphorus	0615A_01 Lower 9 miles	19	19	3	0.69		AD	NC	NC		No
<b>Water Temperature</b>												
2006	Temperature	0615A_01 Lower 9 miles	19	19	0	33.89		AD	FS	FS		No

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

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

### Segment ID: 0615A Papermill Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 9 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0615A_01 Lower 9 miles	10	10		438.00	126.00	AD	NS	NS	5c	No
2006	Fecal coliform	0615A_01 Lower 9 miles	12	12		148.00	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0615A_01 Lower 9 miles	10	10	5		394.00	AD	NS	NS	5c	No
2006	Fecal coliform	0615A_01 Lower 9 miles	12	12	4		400.00	SM	FS	FS		No