

## 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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to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: 0301 Sulphur River Below Wright Patman Lake

Water body type: Freshwater Stream

Water body size: 19 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	0301_01	Lower 9 miles	2	2			ID	NA	NA		No
2006	Multiple	0301_02	Upper 10 miles	3	3			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0301_01	Lower 9 miles	2	2			ID	NA	NA		No
2006	Multiple	0301_02	Upper 10 miles	3	3			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0301_01	Lower 9 miles	27	27	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0301_02	Upper 10 miles	27	27	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0301_01	Lower 9 miles	27	27	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0301_02	Upper 10 miles	27	27	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0301_01	Lower 9 miles	2	2			ID	NA	NA		No
2006	Multiple	0301_02	Upper 10 miles	2	2			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2008	Risk Assess.- No Advisory	0301_01	Lower 9 miles					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0301_02	Upper 10 miles					OE	FS	FS		No
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0301_01	Lower 9 miles	10	10			AD	FS	FS		No
2006	Multiple	0301_02	Upper 10 miles	10	10			AD	FS	FS		No

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### Segment ID: 0301 Sulphur River Below Wright Patman Lake

Water body type: Freshwater Stream

Water body size: 19 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	0301_01	Lower 9 miles	52	52		15.65	120.00	AD	FS	FS	No
2008	Chloride	0301_02	Upper 10 miles	52	52		15.65	120.00	AD	FS	FS	No
2008	Sulfate	0301_01	Lower 9 miles	52	52		21.92	100.00	AD	FS	FS	No
2008	Sulfate	0301_02	Upper 10 miles	52	52		21.92	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	0301_01	Lower 9 miles	52	52		163.21	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	0301_02	Upper 10 miles	52	52		163.21	500.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0301_01	Lower 9 miles	27	27	0		8.50	AD	FS	FS	No
2008	pH	0301_02	Upper 10 miles	27	27	1		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0301_01	Lower 9 miles	27	27	0		6.00	AD	FS	FS	No
2008	pH	0301_02	Upper 10 miles	27	27	0		6.00	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0301_01	Lower 9 miles	26	26	0		0.33	AD	NC	NC	No
2008	Ammonia	0301_02	Upper 10 miles	26	26	2		0.33	AD	NC	NC	No
2008	Chlorophyll-a	0301_01	Lower 9 miles	25	25	16		14.10	AD	CS	CS	No
2008	Chlorophyll-a	0301_02	Upper 10 miles	25	25	12		14.10	AD	CS	CS	No
2008	Nitrate	0301_01	Lower 9 miles	25	25	0		1.95	AD	NC	NC	No
2008	Nitrate	0301_02	Upper 10 miles	24	24	0		1.95	AD	NC	NC	No
2008	Orthophosphorus	0301_01	Lower 9 miles	25	25	0		0.37	AD	NC	NC	No
2008	Orthophosphorus	0301_02	Upper 10 miles	24	24	0		0.37	AD	NC	NC	No
2008	Total Phosphorus	0301_01	Lower 9 miles	26	26	0		0.69	AD	NC	NC	No
2008	Total Phosphorus	0301_02	Upper 10 miles	26	26	0		0.69	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	0301_01	Lower 9 miles	27	27	1		32.20	AD	FS	FS	No
2008	Temperature	0301_02	Upper 10 miles	27	27	0		32.20	AD	FS	FS	No

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### Segment ID: 0301 Sulphur River Below Wright Patman Lake

Water body type: Freshwater Stream

Water body size: 19 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0301_01	Lower 9 miles	17	17	0	13.28	126.00	AD	FS	FS	No
2008	E. coli	0301_02	Upper 10 miles	16	16	0	12.84	126.00	AD	FS	FS	No
2008	Fecal coliform	0301_01	Lower 9 miles	2	2	0	105.80	200.00	SM	NA	NA	No
2008	Fecal coliform	0301_02	Upper 10 miles	3	3	0	8.96	200.00	SM	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0301_01	Lower 9 miles	17	17	0		394.00	AD	FS	FS	No
2008	E. coli	0301_02	Upper 10 miles	16	16	1		394.00	AD	FS	FS	No
2008	Fecal coliform	0301_01	Lower 9 miles	2	2	0		400.00	SM	NA	NA	No
2008	Fecal coliform	0301_02	Upper 10 miles	3	3	0		400.00	SM	NA	NA	No

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**Segment ID: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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	0302_02	300 acres at International Paper intake	3	3			ID	NA	NA		No
2006	Multiple	0302_03	1600 acres southwest of dam	1	1			ID	NA	NA		No
2006	Multiple	0302_04	500 acres in the northeast corner of lake	3	3			ID	NA	NA		No
2006	Multiple	0302_09	5000 acres mid-lake, below Hwy 8	3	3			ID	NA	NA		No
2006	Multiple	0302_10	4000 acres in upper portion of lake	4	4	0		LD	NC	NC		No
2006	Selenium	0302_06	Big Creek arm	3	3		20.00	ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0302_02	300 acres at International Paper intake	3	3			ID	NA	NA		No
2006	Multiple	0302_03	1600 acres southwest of dam	1	1			ID	NA	NA		No
2006	Multiple	0302_04	500 acres in the northeast corner of lake	3	3			ID	NA	NA		No
2006	Multiple	0302_09	5000 acres mid-lake, below Hwy 8	3	3			ID	NA	NA		No
2006	Multiple	0302_10	4000 acres in upper portion of lake	4	4	0		LD	NC	NC		No
2006	Selenium	0302_06	Big Creek arm	3	3		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0302_02	300 acres at International Paper intake	22	22	4	5.00	AD	NS	NS	5a	No
2008	Dissolved Oxygen 24hr Avg	0302_04	500 acres in the northeast corner of lake	22	22	0	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	0302_06	Big Creek arm	1	1	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0302_09	5000 acres mid-lake, below Hwy 8	2	2	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0302_10	4000 acres in upper portion of lake	25	25	16	5.00	AD	NS	NS	5a	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0302_02	300 acres at International Paper intake	22	22	3	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0302_04	500 acres in the northeast corner of lake	22	22	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0302_06	Big Creek arm	1	1	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0302_09	5000 acres mid-lake, below Hwy 8	2	2	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0302_10	4000 acres in upper portion of lake	25	25	12	3.00	AD	NS	NS	5a	No

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<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0302_01	800 acres near dam	38	13	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0302_02	300 acres at International Paper intake	200	59	1	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0302_03	1600 acres southwest of dam	5	1	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen Grab	0302_04	500 acres in the northeast corner of lake	170	60	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0302_05	200 acres in the northwestern tip of lake	22	12	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0302_06	Big Creek arm	78	31	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0302_07	4000 acres mid-lake	25	12	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0302_08	1600 acres in upper mid-lake	20	12	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0302_09	5000 acres mid-lake, below Hwy 8	115	52	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0302_10	4000 acres in upper portion of lake	153	64	6	3.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0302_01	800 acres near dam	14	6	1	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0302_02	300 acres at International Paper intake	200	59	5	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0302_03	1600 acres southwest of dam	5	1	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen Grab	0302_04	500 acres in the northeast corner of lake	170	60	2	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0302_05	200 acres in the northwestern tip of lake	11	6	1	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0302_06	Big Creek arm	78	31	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0302_07	4000 acres mid-lake	11	6	1	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0302_08	1600 acres in upper mid-lake	10	6	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0302_09	5000 acres mid-lake, below Hwy 8	115	52	3	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0302_10	4000 acres in upper portion of lake	153	64	15	5.00	SM	CS	CS		No

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**Segment ID: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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>Toxic Substances in sediment</b>												
2006	Multiple	0302_02	300 acres at International Paper intake	2	2			ID	NA	NA		No
2006	Multiple	0302_04	500 acres in the northeast corner of lake	2	2			ID	NA	NA		No
2006	Multiple	0302_06	Big Creek arm	1	1			ID	NA	NA		No
2006	Multiple	0302_09	5000 acres mid-lake, below Hwy 8	3	3	1		ID	NA	NA		No
2006	Multiple	0302_10	4000 acres in upper portion of lake	3	3			ID	NA	NA		No

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**Segment ID: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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**

2008	Risk Assess.- No Advisory	0302_01	800 acres near dam					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_02	300 acres at International Paper intake					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_03	1600 acres southwest of dam					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_04	500 acres in the northeast corner of lake					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_05	200 acres in the northwestern tip of lake					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_06	Big Creek arm					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_07	4000 acres mid-lake					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_08	1600 acres in upper mid-lake					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_09	5000 acres mid-lake, below Hwy 8					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0302_10	4000 acres in upper portion of lake					OE	FS	FS		No

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

2006	Multiple	0302_01	800 acres near dam	14	14			AD	FS	FS		No
2006	Multiple	0302_02	300 acres at International Paper intake	14	14			AD	FS	FS		No
2006	Multiple	0302_03	1600 acres southwest of dam	14	14			AD	FS	FS		No
2006	Multiple	0302_04	500 acres in the northeast corner of lake	14	14			AD	FS	FS		No
2006	Multiple	0302_05	200 acres in the northwestern tip of lake	14	14			AD	FS	FS		No
2006	Multiple	0302_06	Big Creek arm	14	14			AD	FS	FS		No
2006	Multiple	0302_07	4000 acres mid-lake	14	14			AD	FS	FS		No
2006	Multiple	0302_08	1600 acres in upper mid-lake	14	14			AD	FS	FS		No
2006	Multiple	0302_09	5000 acres mid-lake, below Hwy 8	14	14			AD	FS	FS		No
2006	Multiple	0302_10	4000 acres in upper portion of lake	14	14			AD	FS	FS		No

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**Segment ID:** 0302      **Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 Acres

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General Use

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**Water body size:** 20,300 Acres

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<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0302_01	800 acres near dam	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_02	300 acres at International Paper intake	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_03	1600 acres southwest of dam	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_04	500 acres in the northeast corner of lake	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_05	200 acres in the northwestern tip of lake	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_06	Big Creek arm	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_07	4000 acres mid-lake	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_08	1600 acres in upper mid-lake	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_09	5000 acres mid-lake, below Hwy 8	247	247	12.74	75.00	AD	FS	FS	No	
2008	Chloride	0302_10	4000 acres in upper portion of lake	247	247	12.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_01	800 acres near dam	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_02	300 acres at International Paper intake	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_03	1600 acres southwest of dam	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_04	500 acres in the northeast corner of lake	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_05	200 acres in the northwestern tip of lake	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_06	Big Creek arm	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_07	4000 acres mid-lake	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_08	1600 acres in upper mid-lake	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_09	5000 acres mid-lake, below Hwy 8	246	246	19.74	75.00	AD	FS	FS	No	
2008	Sulfate	0302_10	4000 acres in upper portion of lake	246	246	19.74	75.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0302_01	800 acres near dam	293	293	145.66	400.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0302_02	300 acres at International Paper intake	293	293	145.66	400.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0302_03	1600 acres southwest of dam	293	293	145.66	400.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0302_04	500 acres in the northeast corner of lake	293	293	145.66	400.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0302_05	200 acres in the northwestern tip of lake	293	293	145.66	400.00	AD	FS	FS	No	
2008	Total Dissolved Solids	0302_06	Big Creek arm	293	293	145.66	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: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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	0302_07	4000 acres mid-lake	293	293	145.66	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	0302_08	1600 acres in upper mid-lake	293	293	145.66	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	0302_09	5000 acres mid-lake, below Hwy 8	293	293	145.66	400.00	AD	FS	FS		No
2008	Total Dissolved Solids	0302_10	4000 acres in upper portion of lake	293	293	145.66	400.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	0302_01	800 acres near dam	38	13	2	8.50	AD	FS	FS		No
2008	pH	0302_02	300 acres at International Paper intake	200	59	13	8.50	AD	NS	NS	5a	No
2008	pH	0302_03	1600 acres southwest of dam	5	1	0	8.50	ID	NA	NA		No
2008	pH	0302_04	500 acres in the northeast corner of lake	170	60	23	8.50	AD	NS	NS	5a	No
2008	pH	0302_05	200 acres in the northwestern tip of lake	22	22	5	8.50	AD	NS	NS	5a	No
2008	pH	0302_06	Big Creek arm	78	31	10	8.50	AD	NS	NS	5a	No
2008	pH	0302_07	4000 acres mid-lake	25	12	2	8.50	AD	FS	NS	5a	Yes
2008	pH	0302_08	1600 acres in upper mid-lake	20	12	2	8.50	AD	FS	NS	5a	Yes
2008	pH	0302_09	5000 acres mid-lake, below Hwy 8	115	52	4	8.50	AD	FS	FS		No
2008	pH	0302_10	4000 acres in upper portion of lake	153	64	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0302_01	800 acres near dam	38	13	0	6.00	AD	FS	FS		No
2008	pH	0302_02	300 acres at International Paper intake	200	59	0	6.00	AD	FS	FS		No
2008	pH	0302_03	1600 acres southwest of dam	5	1	0	6.00	ID	NA	NA		No
2008	pH	0302_04	500 acres in the northeast corner of lake	170	60	0	6.00	AD	FS	FS		No
2008	pH	0302_05	200 acres in the northwestern tip of lake	22	12	0	6.00	AD	FS	FS		No
2008	pH	0302_06	Big Creek arm	78	31	0	6.00	AD	FS	FS		No
2008	pH	0302_07	4000 acres mid-lake	25	12	0	6.00	AD	FS	FS		No
2008	pH	0302_08	1600 acres in upper mid-lake	20	12	0	6.00	AD	FS	FS		No
2008	pH	0302_09	5000 acres mid-lake, below Hwy 8	115	52	0	6.00	AD	FS	FS		No
2008	pH	0302_10	4000 acres in upper portion of lake	153	64	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: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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	0302_01	800 acres near dam	10	10	0	0.11	AD	NC	NC		No
2008	Ammonia	0302_02	300 acres at International Paper intake	49	49	13	0.11	AD	CS	CS		No
2008	Ammonia	0302_03	1600 acres southwest of dam	1	1	0	0.11	ID	NA	NA		No
2008	Ammonia	0302_04	500 acres in the northeast corner of lake	51	51	15	0.11	AD	CS	CS		No
2008	Ammonia	0302_05	200 acres in the northwestern tip of lake	10	10	0	0.11	AD	NC	NC		No
2008	Ammonia	0302_06	Big Creek arm	29	29	3	0.11	AD	NC	NC		No
2008	Ammonia	0302_08	1600 acres in upper mid-lake	16	16	1	0.11	AD	NC	NC		No
2008	Ammonia	0302_09	5000 acres mid-lake, below Hwy 8	51	51	3	0.11	AD	NC	NC		No
2008	Ammonia	0302_10	4000 acres in upper portion of lake	58	58	14	0.11	AD	NC	NC		No
2008	Chlorophyll-a	0302_01	800 acres near dam	6	6	4	26.70	LD	CS	CS		No
2008	Chlorophyll-a	0302_02	300 acres at International Paper intake	51	51	27	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0302_03	1600 acres southwest of dam	1	1	0	26.70	ID	NA	NA		No
2008	Chlorophyll-a	0302_04	500 acres in the northeast corner of lake	50	50	23	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0302_06	Big Creek arm	22	22	11	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0302_09	5000 acres mid-lake, below Hwy 8	51	51	20	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0302_10	4000 acres in upper portion of lake	56	56	17	26.70	AD	CS	CS		No
2008	Nitrate	0302_01	800 acres near dam	10	10	0	0.37	AD	NC	NC		No
2008	Nitrate	0302_02	300 acres at International Paper intake	51	51	1	0.37	AD	NC	NC		No
2008	Nitrate	0302_03	1600 acres southwest of dam	1	1	0	0.37	ID	NA	NA		No
2008	Nitrate	0302_04	500 acres in the northeast corner of lake	51	51	0	0.37	AD	NC	NC		No
2008	Nitrate	0302_05	200 acres in the northwestern tip of lake	10	10	0	0.37	AD	NC	NC		No
2008	Nitrate	0302_06	Big Creek arm	29	29	0	0.37	AD	NC	NC		No
2008	Nitrate	0302_08	1600 acres in upper mid-lake	16	16	0	0.37	AD	NC	NC		No
2008	Nitrate	0302_09	5000 acres mid-lake, below Hwy 8	51	51	0	0.37	AD	NC	NC		No
2008	Nitrate	0302_10	4000 acres in upper portion of lake	57	57	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	0302_01	800 acres near dam	19	19	4	0.05	AD	NC	NC		No

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**Segment ID: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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	Orthophosphorus	0302_02	300 acres at International Paper intake	38	38	4	0.05	AD	NC	NC		No
2008	Orthophosphorus	0302_03	1600 acres southwest of dam	1	1	0	0.05	ID	NA	NA		No
2008	Orthophosphorus	0302_04	500 acres in the northeast corner of lake	38	38	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	0302_05	200 acres in the northwestern tip of lake	10	10	2	0.05	AD	NC	NC		No
2008	Orthophosphorus	0302_06	Big Creek arm	28	28	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	0302_08	1600 acres in upper mid-lake	16	16	4	0.05	AD	NC	NC		No
2008	Orthophosphorus	0302_09	5000 acres mid-lake, below Hwy 8	27	27	7	0.05	AD	NC	NC		No
2008	Orthophosphorus	0302_10	4000 acres in upper portion of lake	44	44	12	0.05	AD	CS	CS		No
2008	Total Phosphorus	0302_01	800 acres near dam	3	3	0	0.20	ID	NA	NA		No
2008	Total Phosphorus	0302_02	300 acres at International Paper intake	48	48	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	0302_03	1600 acres southwest of dam	1	1	0	0.20	ID	NA	NA		No
2008	Total Phosphorus	0302_04	500 acres in the northeast corner of lake	51	51	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	0302_05	200 acres in the northwestern tip of lake	4	4	0	0.20	LD	NC	NC		No
2008	Total Phosphorus	0302_06	Big Creek arm	26	26	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	0302_08	1600 acres in upper mid-lake	3	3	0	0.20	ID	NA	NA		No
2008	Total Phosphorus	0302_09	5000 acres mid-lake, below Hwy 8	51	51	8	0.20	AD	NC	NC		No
2008	Total Phosphorus	0302_10	4000 acres in upper portion of lake	55	55	12	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: 0302 Wright Patman Lake

**Water body type:** Reservoir

**Water body size:** 20,300 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	0302_01	800 acres near dam	38	13	0	32.20	AD	FS	FS		No
2008	Temperature	0302_02	300 acres at International Paper intake	200	59	3	32.20	AD	FS	FS		No
2008	Temperature	0302_03	1600 acres southwest of dam	5	1	0	32.20	ID	NA	NA		No
2008	Temperature	0302_04	500 acres in the northeast corner of lake	170	60	4	32.20	AD	FS	FS		No
2008	Temperature	0302_05	200 acres in the northwestern tip of lake	22	12	1	32.20	AD	FS	FS		No
2008	Temperature	0302_06	Big Creek arm	78	31	2	32.20	AD	FS	FS		No
2008	Temperature	0302_07	4000 acres mid-lake	25	12	1	32.20	AD	FS	FS		No
2008	Temperature	0302_08	1600 acres in upper mid-lake	20	12	1	32.20	AD	FS	FS		No
2008	Temperature	0302_09	5000 acres mid-lake, below Hwy 8	115	52	0	32.20	AD	FS	FS		No
2008	Temperature	0302_10	4000 acres in upper portion of lake	153	64	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: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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	0302_01	800 acres near dam					OE	NC	NC		No
2008	Multiple	0302_02	300 acres at International Paper intake					OE	NC	NC		No
2008	Multiple	0302_03	1600 acres southwest of dam					OE	NC	NC		No
2008	Multiple	0302_04	500 acres in the northeast corner of lake					OE	NC	NC		No
2008	Multiple	0302_05	200 acres in the northwestern tip of lake					OE	NC	NC		No
2008	Multiple	0302_06	Big Creek arm					OE	NC	NC		No
2008	Multiple	0302_07	4000 acres mid-lake					OE	NC	NC		No
2008	Multiple	0302_08	1600 acres in upper mid-lake					OE	NC	NC		No
2008	Multiple	0302_09	5000 acres mid-lake, below Hwy 8					OE	NC	NC		No
2008	Multiple	0302_10	4000 acres in upper portion of lake					OE	NC	NC		No

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

2008	Multiple	0302_01	800 acres near dam					OE	FS	FS		No
2008	Multiple	0302_02	300 acres at International Paper intake					OE	FS	FS		No
2008	Multiple	0302_03	1600 acres southwest of dam					OE	FS	FS		No
2008	Multiple	0302_04	500 acres in the northeast corner of lake					OE	FS	FS		No
2008	Multiple	0302_05	200 acres in the northwestern tip of lake					OE	FS	FS		No
2008	Multiple	0302_06	Big Creek arm					OE	FS	FS		No
2008	Multiple	0302_07	4000 acres mid-lake					OE	FS	FS		No
2008	Multiple	0302_08	1600 acres in upper mid-lake					OE	FS	FS		No
2008	Multiple	0302_09	5000 acres mid-lake, below Hwy 8					OE	FS	FS		No
2008	Multiple	0302_10	4000 acres in upper portion of lake					OE	FS	FS		No

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### Segment ID: 0302 Wright Patman Lake

Water body type: Reservoir

Water body size: 20,300 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	0302_01	800 acres near dam					OE	NC	NC		No
2008	Multiple	0302_02	300 acres at International Paper intake					OE	NC	NC		No
2008	Multiple	0302_03	1600 acres southwest of dam					OE	NC	NC		No
2008	Multiple	0302_04	500 acres in the northeast corner of lake					OE	NC	NC		No
2008	Multiple	0302_05	200 acres in the northwestern tip of lake					OE	NC	NC		No
2008	Multiple	0302_06	Big Creek arm					OE	NC	NC		No
2008	Multiple	0302_07	4000 acres mid-lake					OE	NC	NC		No
2008	Multiple	0302_08	1600 acres in upper mid-lake					OE	NC	NC		No
2008	Multiple	0302_09	5000 acres mid-lake, below Hwy 8					OE	NC	NC		No
2008	Multiple	0302_10	4000 acres in upper portion of lake					OE	NC	NC		No

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

2006	Multiple	0302_01	800 acres near dam	77	77			AD	FS	FS		No
2006	Multiple	0302_02	300 acres at International Paper intake	77	77			AD	FS	FS		No
2006	Multiple	0302_03	1600 acres southwest of dam	77	77			AD	FS	FS		No
2006	Multiple	0302_04	500 acres in the northeast corner of lake	77	77			AD	FS	FS		No
2006	Multiple	0302_05	200 acres in the northwestern tip of lake	77	77			AD	FS	FS		No
2006	Multiple	0302_06	Big Creek arm	77	77			AD	FS	FS		No
2006	Multiple	0302_07	4000 acres mid-lake	77	77			AD	FS	FS		No
2006	Multiple	0302_08	1600 acres in upper mid-lake	77	77			AD	FS	FS		No
2006	Multiple	0302_09	5000 acres mid-lake, below Hwy 8	77	77			AD	FS	FS		No
2006	Multiple	0302_10	4000 acres in upper portion of lake	77	77			AD	FS	FS		No

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**Segment ID: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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	0302_02	300 acres at International Paper intake	39	39	0	1.04	126.00	AD	FS	FS	No
2008	E. coli	0302_04	500 acres in the northeast corner of lake	40	40	0	1.22	126.00	AD	FS	FS	No
2008	E. coli	0302_06	Big Creek arm	21	21	0	1.04	126.00	AD	FS	FS	No
2008	E. coli	0302_09	5000 acres mid-lake, below Hwy 8	38	38	0	2.90	126.00	AD	FS	FS	No
2008	E. coli	0302_10	4000 acres in upper portion of lake	40	40	0	7.62	126.00	AD	FS	FS	No
2008	Fecal coliform	0302_01	800 acres near dam	4	4	0	1.19	200.00	LD	NC	NC	No
2008	Fecal coliform	0302_02	300 acres at International Paper intake	5	5	0	1.05	200.00	SM	NC	NC	No
2008	Fecal coliform	0302_03	1600 acres southwest of dam	1	1	0	1.00	200.00	ID	NA	NA	No
2008	Fecal coliform	0302_04	500 acres in the northeast corner of lake	6	6	0	0.63	200.00	SM	NC	NC	No
2008	Fecal coliform	0302_06	Big Creek arm	1	1	0	0.50	200.00	SM	NA	NA	No
2008	Fecal coliform	0302_08	1600 acres in upper mid-lake	6	6	0	1.65	200.00	LD	NC	NC	No
2008	Fecal coliform	0302_09	5000 acres mid-lake, below Hwy 8	5	5	0	1.99	200.00	SM	NC	NC	No
2008	Fecal coliform	0302_10	4000 acres in upper portion of lake	10	10	0	33.75	200.00	SM	FS	FS	No

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**Segment ID: 0302 Wright Patman Lake**

**Water body type:** Reservoir

**Water body size:** 20,300 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	0302_02	300 acres at International Paper intake	39	39	0	394.00	AD	FS	FS		No
2008	E. coli	0302_04	500 acres in the northeast corner of lake	40	40	0	394.00	AD	FS	FS		No
2008	E. coli	0302_06	Big Creek arm	21	21	0	394.00	AD	FS	FS		No
2008	E. coli	0302_09	5000 acres mid-lake, below Hwy 8	38	38	2	394.00	AD	FS	FS		No
2008	E. coli	0302_10	4000 acres in upper portion of lake	40	40	2	394.00	AD	FS	FS		No
2008	Fecal coliform	0302_01	800 acres near dam	4	4	0	400.00	LD	NC	NC		No
2008	Fecal coliform	0302_02	300 acres at International Paper intake	5	5	0	400.00	SM	NC	NC		No
2008	Fecal coliform	0302_03	1600 acres southwest of dam	1	1	0	400.00	ID	NA	NA		No
2008	Fecal coliform	0302_04	500 acres in the northeast corner of lake	6	6	0	400.00	SM	NC	NC		No
2008	Fecal coliform	0302_06	Big Creek arm	1	1	0	400.00	SM	NA	NA		No
2008	Fecal coliform	0302_08	1600 acres in upper mid-lake	6	6	0	400.00	LD	NC	NC		No
2008	Fecal coliform	0302_09	5000 acres mid-lake, below Hwy 8	5	5	0	400.00	SM	NC	NC		No
2008	Fecal coliform	0302_10	4000 acres in upper portion of lake	10	10	1	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: 0302A Big Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 10 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	0302A_01 Entire segment	5	4	0	3.00	TR	NA	NA			No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0302A_01 Entire segment	5	4	1	4.00	TR	NA	NA			No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0302A_01 Entire segment	2	2	0	0.33	TR	NA	NA			No
2006	Chlorophyll-a	0302A_01 Entire segment	4	4	0	14.00	TR	NA	NA			No
2006	Nitrate	0302A_01 Entire segment	4	4	0	1.95	TR	NA	NA			No
2006	Orthophosphorus	0302A_01 Entire segment	4	4	2	0.37	TR	NA	NA			No
2006	Total Phosphorus	0302A_01 Entire segment	4	4	1	0.69	TR	NA	NA			No

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

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### Segment ID: 0302B Boone Creek (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	0302B_01 Entire segment	2	2	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0302B_01 Entire segment	2	2	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0302B_01 Entire segment	6	6	1		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0302B_01 Entire segment	6	6	2		3.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0302B_01 Entire segment	2	2		37.00		AD	FS	FS		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0302B_01 Entire segment	2	2		20.00		AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0302B_01 Entire segment	4	4	0		0.33	TR	NA	NA		No
2006	Chlorophyll-a	0302B_01 Entire segment	4	4	0		14.10	TR	NA	NA		No
2006	Nitrate	0302B_01 Entire segment	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0302B_01 Entire segment	4	4	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	0302B_01 Entire segment	4	4	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0302B_01 Entire segment	4	4		347.00	200.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0302B_01 Entire segment	4	4	2		400.00	TR	NA	NA		No

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

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### Segment ID: 0303 Sulphur/South Sulphur River

Water body type: Freshwater Stream

Water body size: 181 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	0303_01	Lower 25 miles	11	11			AD	FS	FS		No
2006	Multiple	0303_02	Middle 25 miles	4	4	0		LD	NC	NC		No
2006	Multiple	0303_03	Upper 25 miles	6	4	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0303_01	Lower 25 miles	11	10			AD	FS	FS		No
2006	Multiple	0303_02	Middle 25 miles	4	4	0		LD	NC	NC		No
2006	Multiple	0303_03	Upper 25 miles	6	4	0		LD	NC	NC		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0303_01	Lower 25 miles	2	2	0	5.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Avg	0303_02	Middle 25 miles	1	1	1	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0303_01	Lower 25 miles	2	2	0	3.00	ID	NA	NA		No
2008	Dissolved Oxygen 24hr Min	0303_02	Middle 25 miles	1	1	1	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0303_01	Lower 25 miles	32	32	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0303_02	Middle 25 miles	27	27	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0303_03	Upper 25 miles	33	33	1	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0303_01	Lower 25 miles	32	32	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0303_02	Middle 25 miles	27	27	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0303_03	Upper 25 miles	33	33	1	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0303_01	Lower 25 miles	4	4	0		LD	NC	NC		No
2006	Multiple	0303_02	Middle 25 miles	4	4	0		LD	NC	NC		No
2006	Multiple	0303_03	Upper 25 miles	4	4	0		LD	NC	NC		No
2006	Multiple	0303_04	Remainder of segment	4	4	0		LD	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: 0303 Sulphur/South Sulphur River**

**Water body type:** Freshwater Stream

**Water body size:** 181 Miles

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

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

2006	Multiple	0303_01	Lower 25 miles	24	24			AD	FS	FS		No
2006	Multiple	0303_02	Middle 25 miles	24	24			AD	FS	FS		No
2006	Multiple	0303_03	Upper 25 miles	24	24			AD	FS	FS		No

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

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### Segment ID: 0303 Sulphur/South Sulphur River

Water body type: Freshwater Stream

Water body size: 181 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	0303_01	Lower 25 miles	91	91		19.25	80.00	AD	FS	FS	No
2008	Chloride	0303_02	Middle 25 miles	91	91		19.25	80.00	AD	FS	FS	No
2008	Chloride	0303_03	Upper 25 miles	91	91		19.25	80.00	AD	FS	FS	No
2008	Chloride	0303_04	Remainder of segment	91	91		19.25	80.00	AD	FS	FS	No
2008	Sulfate	0303_01	Lower 25 miles	91	91		39.64	180.00	AD	FS	FS	No
2008	Sulfate	0303_02	Middle 25 miles	91	91		39.64	180.00	AD	FS	FS	No
2008	Sulfate	0303_03	Upper 25 miles	91	91		39.64	180.00	AD	FS	FS	No
2008	Sulfate	0303_04	Remainder of segment	91	91		39.64	180.00	AD	FS	FS	No
2008	Total Dissolved Solids	0303_01	Lower 25 miles	95	95		237.12	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	0303_02	Middle 25 miles	95	95		237.12	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	0303_03	Upper 25 miles	95	95		237.12	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	0303_04	Remainder of segment	95	95		237.12	600.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0303_01	Lower 25 miles	32	32	0		8.50	AD	FS	FS	No
2008	pH	0303_02	Middle 25 miles	27	27	0		8.50	AD	FS	FS	No
2008	pH	0303_03	Upper 25 miles	33	33	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0303_01	Lower 25 miles	32	32	0		6.00	AD	FS	FS	No
2008	pH	0303_02	Middle 25 miles	27	27	0		6.00	AD	FS	FS	No
2008	pH	0303_03	Upper 25 miles	33	33	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: 0303 Sulphur/South Sulphur River

Water body type: Freshwater Stream

Water body size: 181 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	0303_01	Lower 25 miles	32	32	0	0.33	AD	NC	NC		No
2008	Ammonia	0303_02	Middle 25 miles	26	26	0	0.33	AD	NC	NC		No
2008	Ammonia	0303_03	Upper 25 miles	31	31	1	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0303_01	Lower 25 miles	32	32	10	14.10	AD	CS	CS		No
2008	Chlorophyll-a	0303_02	Middle 25 miles	20	20	7	14.10	AD	CS	CS		No
2008	Chlorophyll-a	0303_03	Upper 25 miles	25	25	1	14.10	AD	NC	NC		No
2008	Nitrate	0303_01	Lower 25 miles	32	32	0	1.95	AD	NC	NC		No
2008	Nitrate	0303_02	Middle 25 miles	26	26	0	1.95	AD	NC	NC		No
2008	Nitrate	0303_03	Upper 25 miles	31	31	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0303_01	Lower 25 miles	30	30	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0303_02	Middle 25 miles	24	24	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0303_03	Upper 25 miles	31	31	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	0303_01	Lower 25 miles	32	32	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0303_02	Middle 25 miles	21	21	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0303_03	Upper 25 miles	25	25	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0303_01	Lower 25 miles	32	32	0	33.90	AD	FS	FS		No
2008	Temperature	0303_02	Middle 25 miles	27	27	0	33.90	AD	FS	FS		No
2008	Temperature	0303_03	Upper 25 miles	34	34	0	33.90	AD	FS	FS		No

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### Segment ID: 0303 Sulphur/South Sulphur River

Water body type: Freshwater Stream

Water body size: 181 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	0303_01	Lower 25 miles	22	22	0	31.19	126.00	AD	FS	FS	No
2008	E. coli	0303_02	Middle 25 miles	17	17	0	47.30	126.00	AD	FS	FS	No
2008	E. coli	0303_03	Upper 25 miles	19	19	0	53.33	126.00	AD	FS	FS	No
2008	Fecal coliform	0303_01	Lower 25 miles	3	3	0	85.17	200.00	SM	NA	NA	No
2008	Fecal coliform	0303_03	Upper 25 miles	4	4	0	99.62	200.00	SM	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0303_01	Lower 25 miles	22	22	4		394.00	AD	FS	FS	No
2008	E. coli	0303_02	Middle 25 miles	17	17	3		394.00	AD	FS	FS	No
2008	E. coli	0303_03	Upper 25 miles	19	19	1		394.00	AD	FS	FS	No
2008	Fecal coliform	0303_01	Lower 25 miles	3	3	0		400.00	SM	NA	NA	No
2008	Fecal coliform	0303_03	Upper 25 miles	4	4	1		400.00	SM	NC	NC	No

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### Segment ID: 0303A Big Creek Lake (unclassified water body)

Water body type: Reservoir

Water body size: 700 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Selenium	0303A_01 Entire segment	3	3	0		20.00	ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Selenium	0303A_01 Entire segment	3	3			5.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0303A_01 Entire segment	35	16	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0303A_01 Entire segment	35	16	1		5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0303A_01 Entire segment	2	2	2			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	0303A_01 Entire segment	6	6				LD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0303A_01 Entire segment	16	16	0		0.11	AD	NC	NC		No
2008	Chlorophyll-a	0303A_01 Entire segment	16	16	4		26.70	AD	NC	NC		No
2008	Nitrate	0303A_01 Entire segment	16	16	3		0.37	AD	NC	NC		No
2008	Orthophosphorus	0303A_01 Entire segment	16	16	1		0.05	AD	NC	NC		No
2008	Total Phosphorus	0303A_01 Entire segment	16	16	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: 0303A Big Creek Lake (unclassified water body)

Water body type: Reservoir

Water body size: 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>												
2006	Chloride	0303A_01 Entire segment	13	13	0		5.00	AD	NC	NC		No
2008	Multiple	0303A_01 Entire segment						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0303A_01 Entire segment						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Atrazine	0303A_01 Entire segment	18	18	3		0.00	OE	CS	CS		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Multiple	0303A_01 Entire segment	12	12				AD	FS	FS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0303A_01 Entire segment	14	14	0	10.61	126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2008	E. coli	0303A_01 Entire segment	14	14	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: 0303B White Oak Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 108 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	0303B_01	Lower 25 miles of segment	10	10			AD	FS	FS		No
2006	Multiple	0303B_02	Middle 25 miles near Hwy 271	2	1			ID	NA	NA		No
2006	Multiple	0303B_03	Upper 25 miles of segment	1	1			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0303B_01	Lower 25 miles of segment	10	10			AD	FS	FS		No
2006	Multiple	0303B_02	Middle 25 miles near Hwy 271	2	1			ID	NA	NA		No
2006	Multiple	0303B_03	Upper 25 miles of segment	1	1			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0303B_01	Lower 25 miles of segment	10	10	4	5.00	AD	NS	NS	5b	No
2006	Dissolved Oxygen 24hr Avg	0303B_02	Middle 25 miles near Hwy 271	13	13	6	5.00	AD	NS	NS	5b	No
2006	Dissolved Oxygen 24hr Avg	0303B_03	Upper 25 miles of segment	13	13	6	5.00	AD	NS	NS	5b	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0303B_01	Lower 25 miles of segment	10	10	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Min	0303B_02	Middle 25 miles near Hwy 271	13	13	3	3.00	AD	NS	NS	5b	No
2006	Dissolved Oxygen 24hr Min	0303B_03	Upper 25 miles of segment	13	13	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0303B_01	Lower 25 miles of segment	20	20	0	3.00	SM	FS	FS		No
2006	Dissolved Oxygen Grab	0303B_02	Middle 25 miles near Hwy 271	17	17	0	3.00	SM	FS	FS		No
2006	Dissolved Oxygen Grab	0303B_03	Upper 25 miles of segment	20	20	0	3.00	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0303B_01	Lower 25 miles of segment	20	20	7	5.00	SM	CS	CS		No
2006	Dissolved Oxygen Grab	0303B_02	Middle 25 miles near Hwy 271	17	17	6	5.00	SM	CS	CS		No
2006	Dissolved Oxygen Grab	0303B_03	Upper 25 miles of segment	20	20	4	5.00	SM	CS	CS		No

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

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### Segment ID: 0303B White Oak Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 108 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	0303B_01	Lower 25 miles of segment	5	5			LD	NC	NC		No
2006	Multiple	0303B_02	Middle 25 miles near Hwy 271	5	5			LD	NC	NC		No
2006	Multiple	0303B_03	Upper 25 miles of segment	5	5	0		LD	NC	NC		No
2006	Multiple	0303B_04	Remainder of segment	5	5			LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0303B_01	Lower 25 miles of segment	13	13			AD	FS	FS		No
2006	Multiple	0303B_02	Middle 25 miles near Hwy 271	13	13			AD	FS	FS		No
2006	Multiple	0303B_03	Upper 25 miles of segment	13	13			AD	FS	FS		No
2006	Multiple	0303B_04	Remainder of segment	13	13			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: 0303B White Oak Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 108 Miles

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

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

2006	Ammonia	0303B_01	Lower 25 miles of segment	20	20	0	33.00	AD	NC	NC		No
2006	Ammonia	0303B_02	Middle 25 miles near Hwy 271	17	17	0	0.33	AD	NC	NC		No
2006	Ammonia	0303B_03	Upper 25 miles of segment	20	20	3	0.33	AD	NC	NC		No
2006	Chlorophyll-a	0303B_01	Lower 25 miles of segment	19	19	2	14.10	AD	NC	NC		No
2006	Chlorophyll-a	0303B_02	Middle 25 miles near Hwy 271	15	15	2	14.10	AD	NC	NC		No
2006	Chlorophyll-a	0303B_03	Upper 25 miles of segment	17	17	1	14.10	AD	NC	NC		No
2006	Nitrate	0303B_01	Lower 25 miles of segment	20	20	0	1.95	AD	NC	NC		No
2006	Nitrate	0303B_02	Middle 25 miles near Hwy 271	17	17	1	1.95	AD	NC	NC		No
2006	Nitrate	0303B_03	Upper 25 miles of segment	20	20	12	1.95	AD	CS	CS		No
2006	Orthophosphorus	0303B_01	Lower 25 miles of segment	20	20	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0303B_02	Middle 25 miles near Hwy 271	17	17	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0303B_03	Upper 25 miles of segment	20	20	14	0.37	AD	CS	CS		No
2006	Total Phosphorus	0303B_01	Lower 25 miles of segment	20	20	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	0303B_02	Middle 25 miles near Hwy 271	17	17	0	0.69	AD	NC	NC		No
2006	Total Phosphorus	0303B_03	Upper 25 miles of segment	20	20	14	0.69	AD	CS	CS		No

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

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### Segment ID: 0303B White Oak Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 108 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>												
2006	E. coli	0303B_01	Lower 25 miles of segment	16	16		87.00	126.00	AD	FS	FS	No
2006	E. coli	0303B_02	Middle 25 miles near Hwy 271	15	15		70.00	126.00	AD	FS	FS	No
2006	E. coli	0303B_03	Upper 25 miles of segment	15	15		222.00	126.00	AD	NS	NS	5c No
2006	Fecal coliform	0303B_01	Lower 25 miles of segment	2	2			200.00	SM	NA	NA	No
2006	Fecal coliform	0303B_03	Upper 25 miles of segment	3	3		162.00	200.00	SM	NA	NA	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0303B_01	Lower 25 miles of segment	16	16	2		394.00	AD	FS	FS	No
2006	E. coli	0303B_02	Middle 25 miles near Hwy 271	15	15	2		394.00	AD	FS	FS	No
2006	E. coli	0303B_03	Upper 25 miles of segment	15	15	5		394.00	AD	NS	NS	5c No
2006	Fecal coliform	0303B_01	Lower 25 miles of segment	2	2	0		4,000.00	SM	NA	NA	No
2006	Fecal coliform	0303B_03	Upper 25 miles of segment	3	3	1		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: 0303E East Caney 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>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0303E_01 Entire segment	2	2	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0303E_01 Entire segment	2	2	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0303E_01 Entire segment	4	4	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0303E_01 Entire segment	4	4	1		3.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0303E_01 Entire segment	2	2		40.50		AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0303E_01 Entire segment	2	2		20.50		AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0303E_01 Entire segment	2	2		20.50		AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0303E_01 Entire segment	4	4	1		0.33	TR	NA	NA		No
2006	Chlorophyll-a	0303E_01 Entire segment	4	4	0		14.10	TR	NA	NA		No
2006	Nitrate	0303E_01 Entire segment	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0303E_01 Entire segment	0	0			0.37	ID	NA	NA		No
2006	Total Phosphorus	0303E_01 Entire segment	4	4	2		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0303E_01 Entire segment	4	4		141.00	126.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0303E_01 Entire segment	4	4	2		394.00	TR	NA	NA		No

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### Segment ID: 0303F Stouts Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 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	0303F_01 Entire segment	2	2	1		3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0303F_01 Entire segment	2	2	1		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0303F_01 Entire segment	4	4	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0303F_01 Entire segment	4	4	0		3.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0303F_01 Entire segment	2	2		43.50		AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0303F_01 Entire segment	2	2		18.50		AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0303F_01 Entire segment	2	2		19.50		AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0303F_01 Entire segment	4	4	1		0.33	TR	NA	NA		No
2006	Chlorophyll-a	0303F_01 Entire segment	4	4	3		14.10	TR	NA	NA		No
2006	Nitrate	0303F_01 Entire segment	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0303F_01 Entire segment	0	0			0.37	ID	NA	NA		No
2006	Total Phosphorus	0303F_01 Entire segment	4	4	3		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0303F_01 Entire segment	4	4		283.00	126.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0303F_01 Entire segment	4	4	1		394.00	TR	NA	NA		No

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### Segment ID: 0303G North Caney Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 29 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	0303G_01	Entire segment	2	2	0		2.00	ID	NA	NA	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0303G_01	Entire segment	2	2	0		1.50	ID	NA	NA	No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0303G_01	Entire segment	4	4	0		1.50	TR	NA	NA	No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0303G_01	Entire segment	4	4	0		2.00	TR	NA	NA	No
<b>Fish Community</b>												
2006	Fish Community	0303G_01	Entire segment	2	2		41.00	AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0303G_01	Entire segment	2	2		16.50	AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0303G_01	Entire segment	2	2	0		24.50	AD	FS	FS	No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0303G_01	Entire segment	4	4	1		0.33	TR	NA	NA	No
2006	Chlorophyll-a	0303G_01	Entire segment	4	4	0		14.00	TR	NA	NA	No
2006	Nitrate	0303G_01	Entire segment	4	4	0		1.95	TR	NA	NA	No
2006	Total Phosphorus	0303G_01	Entire segment	4	4	1		0.69	TR	NA	NA	No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0303G_01	Entire segment	4	4		51.00	126.00	TR	NA	NA	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0303G_01	Entire segment	4	4	0		394.00	TR	NA	NA	No

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

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### Segment ID: 0303H Big Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 19 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	0303H_01 Entire segment	5	5	1		3.00	TR	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0303H_01 Entire segment	5	5	1		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0303H_01 Entire segment	5	5	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0303H_01 Entire segment	5	5	0		3.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0303H_01 Entire segment	2	2		37.00		AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0303H_01 Entire segment	2	2		12.50		AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0303H_01 Entire segment	2	2		22.00		AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0303H_01 Entire segment	4	4	2		0.33	TR	NA	NA		No
2006	Chlorophyll-a	0303H_01 Entire segment	4	4	3		14.00	TR	NA	NA		No
2006	Nitrate	0303H_01 Entire segment	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0303H_01 Entire segment	4	4	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	0303H_01 Entire segment	4	4	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0303H_01 Entire segment	4	4		96.00	126.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0303H_01 Entire segment	4	4	1		394.00	TR	NA	NA		No

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### Segment ID: 0303I Big Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 18 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	0303I_01	Entire segment	2	2	1		3.00	ID	NA	NA	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0303I_01	Entire segment	2	2	1		2.00	ID	NA	NA	No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0303I_01	Entire segment	4	4	0		2.00	TR	NA	NA	No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0303I_01	Entire segment	4	4	0		3.00	TR	NA	NA	No
<b>Fish Community</b>												
2006	Fish Community	0303I_01	Entire segment	2	2		40.50	AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0303I_01	Entire segment	2	2		18.00	AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0303I_01	Entire segment	2	2		25.00	AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0303I_01	Entire segment	4	4	1		0.33	TR	NA	NA	No
2006	Chlorophyll-a	0303I_01	Entire segment	4	4	0		14.10	TR	NA	NA	No
2006	Nitrate	0303I_01	Entire segment	4	4	0		1.95	TR	NA	NA	No
2006	Total Phosphorus	0303I_01	Entire segment	4	4	1		0.69	TR	NA	NA	No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0303I_01	Entire segment	4	4		92.00	126.00	TR	NA	NA	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0303I_01	Entire segment	4	4	1		394.00	TR	NA	NA	No

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

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

**Segment ID: 0304 Days Creek**

**Water body type:** Freshwater Stream

**Water body size:** 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0304_01	Entire segment	20	20	0		4.00	AD	FS	FS	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0304_01	Entire segment	20	20	1		3.00	AD	FS	FS	No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0304_01	Entire segment	45	45	0		3.00	SM	FS	FS	No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0304_01	Entire segment	45	45	0		4.00	SM	NC	NC	No
<b>Fish Community</b>												
2008	Fish Community	0304_01	Entire segment	16	16		39.30	36.00	AD	FS	FS	No
<b>Habitat</b>												
2008	Habitat	0304_01	Entire segment	7	7		20.00	14.00	AD	NC	NC	No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	0304_01	Entire segment	16	16		24.80	22.00	AD	FS	FS	No
<b>Toxic Substances in sediment</b>												
2006	Acenaphthene	0304_01	Entire segment	13	13	5		89.00	AD	CS	CS	No
2006	Acenaphthylene	0304_01	Entire segment	13	13	2		130.00	AD	NC	NC	No
2006	Anthracene	0304_01	Entire segment	13	13	4		845.00	AD	NC	NC	No
2006	Benz(a)anthracene	0304_01	Entire segment	13	13	5		1,050.00	AD	CS	CS	No
2006	Benzo(a)pyrene	0304_01	Entire segment	13	13	6		1,450.00	AD	CS	CS	No
2006	Chrysene	0304_01	Entire segment	13	13	5		1,290.00	AD	CS	CS	No
2006	Dibenz(a,h)anthracene	0304_01	Entire segment	13	13	2		140.00	AD	NC	NC	No
2006	Fluoranthene	0304_01	Entire segment	13	13	6		536.00	AD	CS	CS	No
2006	Naphthalene	0304_01	Entire segment	13	13	5		561.00	AD	CS	CS	No
2006	Phenanthrene	0304_01	Entire segment	13	13	5		1,170.00	AD	CS	CS	No
2006	Pyrene	0304_01	Entire segment	13	13	8		1,520.00	AD	CS	CS	No

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

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**Segment ID: 0304 Days Creek**

**Water body type:** Freshwater Stream

**Water body size:** 5 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	0304_01	Entire segment	31	31		41.14	525.00	AD	FS	FS	No
2008	Sulfate	0304_01	Entire segment	30	30		41.68	75.00	AD	FS	FS	No
2008	Total Dissolved Solids	0304_01	Entire segment	46	46		235.48	850.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0304_01	Entire segment	45	45	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0304_01	Entire segment	45	45	0		6.00	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0304_01	Entire segment	31	31	8		0.33	AD	NC	NC	No
2008	Chlorophyll-a	0304_01	Entire segment	26	26	0		14.10	AD	NC	NC	No
2008	Nitrate	0304_01	Entire segment	30	30	25		1.95	AD	CS	CS	No
2008	Orthophosphorus	0304_01	Entire segment	18	18	0		0.37	AD	NC	NC	No
2008	Total Phosphorus	0304_01	Entire segment	31	31	0		0.69	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	0304_01	Entire segment	44	44	0		32.20	AD	FS	FS	No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0304_01	Entire segment	23	23	0	106.20	126.00	AD	FS	FS	No
2008	Fecal coliform	0304_01	Entire segment	8	8	1	523.44	200.00	SM	CN	CN	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0304_01	Entire segment	23	23	2		394.00	AD	FS	FS	No
2008	Fecal coliform	0304_01	Entire segment	8	8	5		400.00	SM	NS	NS	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: 0304A Swampoodle Creek (unclassified water body)

Water body type: Freshwater 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>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0304A_01 Entire segment	2	2	2		5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0304A_01 Entire segment	2	2	2		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0304A_01 Entire segment	5	4	0		3.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0304A_01 Entire segment	5	4	2		5.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0304A_01 Entire segment	2	2		39.00		AD	NS	NS	5c	No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0304A_01 Entire segment	2	2		17.50		AD	NS	NS	5c	No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0304A_01 Entire segment	4	4	1		0.33	TR	NA	NA		No
2006	Chlorophyll-a	0304A_01 Entire segment	4	4	0		14.10	TR	NA	NA		No
2006	Nitrate	0304A_01 Entire segment	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0304A_01 Entire segment	4	4	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	0304A_01 Entire segment	4	4	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0304A_01 Entire segment	4	4		151.00	200.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0304A_01 Entire segment	4	4	1		400.00	TR	NA	NA		No

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

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### Segment ID: 0304B Cowhorn Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 5 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	0304B_01 Entire water body	1	1	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0304B_01 Entire water body	1	1	0		5.00	ID	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0304B_01 Entire water body	2	2		20.75		AD	NS	NS	5c	No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0304B_01 Entire water body	2	2		19.50		AD	NS	NS	5c	No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0304B_01 Entire water body	1	1	0		0.33	ID	NA	NA		No
2006	Nitrate	0304B_01 Entire water body	1	1	0		1.95	ID	NA	NA		No
2006	Total Phosphorus	0304B_01 Entire water body	1	1	0		0.69	ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0304B_01 Entire water body	1	1		4.70	126.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0304B_01 Entire water body	1	1	0		394.00	ID	NA	NA		No

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

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

### Segment ID: 0304C Wagner Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7 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	0304C_01 Entire segment	2	2	0		4.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0304C_01 Entire segment	2	2	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0304C_01 Entire segment	13	13	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0304C_01 Entire segment	13	13	3		4.00	AD	CS	CS		No
<b>Fish Community</b>												
2006	Fish Community	0304C_01 Entire segment	2	2		44.50		AD	FS	FS		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0304C_01 Entire segment	2	2		26.50		AD	FS	FS		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0304C_01 Entire segment	3	3	3			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0304C_01 Entire segment	6	6	4		0.33	LD	CS	CS		No
2006	Chlorophyll-a	0304C_01 Entire segment	6	6	0		14.10	LD	NC	NC		No
2006	Nitrate	0304C_01 Entire segment	6	6	2		1.95	LD	NC	NC		No
2006	Orthophosphorus	0304C_01 Entire segment	4	4	1		0.37	TR	NA	NA		No
2006	Total Phosphorus	0304C_01 Entire segment	6	6	1		0.69	LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0304C_01 Entire segment	2	2		5.00	126.00	ID	NA	NA		No
2006	Fecal coliform	0304C_01 Entire segment	3	3		44.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0304C_01 Entire segment	2	2	0		394.00	ID	NA	NA		No
2006	Fecal coliform	0304C_01 Entire segment	3	3	0		400.00	ID	NA	NA		No

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### Segment ID: 0305 North Sulphur River

Water body type: Freshwater Stream

Water body size: 48 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	0305_01	Lower 25 miles	1	1			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0305_01	Lower 25 miles	1	1			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0305_02	Upper 23 miles	2	2	0	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0305_02	Upper 23 miles	2	2	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0305_01	Lower 25 miles	26	26	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0305_02	Upper 23 miles	7	7	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0305_01	Lower 25 miles	26	26	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0305_02	Upper 23 miles	7	7	0	5.00	LD	NC	NC		No
<b>Fish Community</b>												
2008	Fish Community	0305_02	Upper 23 miles	2	2		37.50	AD	NS	NS	5b	No
<b>Habitat</b>												
2008	Habitat	0305_02	Upper 23 miles	2	2		17.50	AD	CS	CS		No
<b>Macrobenthic Community</b>												
2008	Macrobenthic Community	0305_02	Upper 23 miles	2	2		21.00	AD	NS	NS	5b	No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0305_01	Lower 25 miles	1	1			ID	NA	NA		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: 0305 North Sulphur River

Water body type: Freshwater Stream

Water body size: 48 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	0305_01	Lower 25 miles	31	31		48.86	190.00	AD	FS	FS	No
2008	Chloride	0305_02	Upper 23 miles	31	31		48.86	190.00	AD	FS	FS	No
2008	Sulfate	0305_01	Lower 25 miles	31	31		260.49	475.00	AD	FS	FS	No
2008	Sulfate	0305_02	Upper 23 miles	31	31		260.49	475.00	AD	FS	FS	No
2008	Total Dissolved Solids	0305_01	Lower 25 miles	35	35		604.31	1,320.00	AD	FS	FS	No
2008	Total Dissolved Solids	0305_02	Upper 23 miles	35	35		604.31	1,320.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0305_01	Lower 25 miles	26	26	0		8.50	AD	FS	FS	No
2008	pH	0305_02	Upper 23 miles	7	7	0		8.50	LD	NC	NC	No
<b>Low pH</b>												
2008	pH	0305_01	Lower 25 miles	26	26	0		6.00	AD	FS	FS	No
2008	pH	0305_02	Upper 23 miles	7	7	0		6.00	LD	NC	NC	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0305_01	Lower 25 miles	25	25	0		0.33	AD	NC	NC	No
2008	Ammonia	0305_02	Upper 23 miles	5	5	0		0.33	LD	NC	NC	No
2008	Chlorophyll-a	0305_01	Lower 25 miles	26	26	4		14.10	AD	NC	NC	No
2008	Chlorophyll-a	0305_02	Upper 23 miles	5	5	0		14.10	LD	NC	NC	No
2008	Nitrate	0305_01	Lower 25 miles	25	25	2		1.95	AD	NC	NC	No
2008	Nitrate	0305_02	Upper 23 miles	5	5	1		1.95	LD	NC	NC	No
2008	Orthophosphorus	0305_01	Lower 25 miles	24	24	0		0.37	AD	NC	NC	No
2008	Orthophosphorus	0305_02	Upper 23 miles	4	4	0		0.37	LD	NC	NC	No
2008	Total Phosphorus	0305_01	Lower 25 miles	25	25	0		0.69	AD	NC	NC	No
2008	Total Phosphorus	0305_02	Upper 23 miles	5	5	0		0.69	LD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	0305_01	Lower 25 miles	27	27	0		33.90	AD	FS	FS	No
2008	Temperature	0305_02	Upper 23 miles	7	7	0		33.90	LD	NC	NC	No

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

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**Segment ID: 0305 North Sulphur River**

**Water body type:** Freshwater Stream

**Water body size:** 48 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0305_01	Lower 25 miles	18	18	0	87.80	126.00	AD	FS	FS	No
2008	E. coli	0305_02	Upper 23 miles	5	5	0	32.08	126.00	LD	NC	NC	No
2008	Fecal coliform	0305_01	Lower 25 miles	4	4	0	56.58	200.00	SM	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0305_01	Lower 25 miles	18	18	3		394.00	AD	FS	FS	No
2008	E. coli	0305_02	Upper 23 miles	5	5	0		394.00	LD	NC	NC	No
2008	Fecal coliform	0305_01	Lower 25 miles	4	4	0		400.00	SM	NC	NC	No

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### Segment ID: 0305A Rowdy Creek (unclassified water body)

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>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0305A_01 Entire segment	2	2	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0305A_01 Entire segment	2	2	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0305A_01 Entire segment	6	6	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0305A_01 Entire segment	6	6	0		3.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0305A_01 Entire segment	2	2	0		37.50	AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0305A_01 Entire segment	2	2		15.50		AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0305A_01 Entire segment	2	2		18.00		AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0305A_01 Entire segment	4	4	0		0.33	TR	NA	NA		No
2006	Chlorophyll-a	0305A_01 Entire segment	4	4	0		14.00	TR	NA	NA		No
2006	Nitrate	0305A_01 Entire segment	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0305A_01 Entire segment	4	4	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	0305A_01 Entire segment	4	4	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0305A_01 Entire segment	4	4		21.00	126.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0305A_01 Entire segment	4	4	0		394.00	TR	NA	NA		No

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

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

### Segment ID: 0306 Upper South Sulphur River

**Water body type:** Freshwater Stream

**Water body size:** 42 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b><u>Aquatic Life Use</u></b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0306_02	25 miles above SH 11	3	3			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0306_02	25 miles above SH 11	3	3			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0306_02	25 miles above SH 11	5	5	0	4.00	LD	NC	NC		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0306_02	25 miles above SH 11	5	5	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0306_02	25 miles above SH 11	41	41	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0306_02	25 miles above SH 11	41	41	0	4.00	AD	NC	NC		No
<b><u>Fish Consumption Use</u></b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0306_01	Lower 5 miles	10	10			AD	FS	FS		No
2006	Multiple	0306_02	25 miles above SH 11	10	10			AD	FS	FS		No
2006	Multiple	0306_03	Remainder of 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: 0306 Upper South Sulphur River

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>Dissolved Solids</b>												
2008	Chloride	0306_01	Lower 5 miles	42	42		32.11	80.00	AD	FS	FS	No
2008	Chloride	0306_02	25 miles above SH 11	42	42		32.11	80.00	AD	FS	FS	No
2008	Chloride	0306_03	Remainder of segment	42	42		32.11	80.00	AD	FS	FS	No
2008	Sulfate	0306_01	Lower 5 miles	42	42		42.08	180.00	AD	FS	FS	No
2008	Sulfate	0306_02	25 miles above SH 11	42	42		42.08	180.00	AD	FS	FS	No
2008	Sulfate	0306_03	Remainder of segment	42	42		42.08	180.00	AD	FS	FS	No
2008	Total Dissolved Solids	0306_01	Lower 5 miles	44	44		451.56	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	0306_02	25 miles above SH 11	44	44		451.56	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	0306_03	Remainder of segment	44	44		451.56	600.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0306_02	25 miles above SH 11	161	161	58		8.00	AD	NS	NS	5b No
<b>Low pH</b>												
2008	pH	0306_02	25 miles above SH 11	161	161	4		6.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0306_02	25 miles above SH 11	41	41	1		0.33	AD	NC	NC	No
2008	Chlorophyll-a	0306_02	25 miles above SH 11	57	57	27		14.10	AD	CS	CS	No
2008	Nitrate	0306_02	25 miles above SH 11	42	42	26		1.95	AD	CS	CS	No
2008	Orthophosphorus	0306_02	25 miles above SH 11	40	40	19		0.37	AD	CS	CS	No
2008	Total Phosphorus	0306_02	25 miles above SH 11	34	34	14		0.69	AD	CS	CS	No
<b>Water Temperature</b>												
2008	Temperature	0306_02	25 miles above SH 11	163	163	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: 0306 Upper South Sulphur River**

**Water body type:** Freshwater Stream

**Water body size:** 42 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	0306_02	25 miles above SH 11	62	62	0	49.95	126.00	AD	FS	FS	No
2008	Fecal coliform	0306_02	25 miles above SH 11	14	14	1	316.94	200.00	SM	NS	NS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0306_02	25 miles above SH 11	62	62	7	394.00	AD	FS	FS	No	No
2008	Fecal coliform	0306_02	25 miles above SH 11	14	14	6	400.00	SM	NS	NS	No	No

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

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**Segment ID: 0307 Cooper Lake**

**Water body type:** Reservoir

**Water body size:** 19,305 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0307_02	Lower 3000 acre Doctors Creek arm	2	2			ID	NA	NA		No
2006	Multiple	0307_05	Middle 1000 acres near Finley Branch	2	2			ID	NA	NA		No
2006	Selenium	0307_03	Middle 5000 acres	1	1			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0307_02	Lower 3000 acre Doctors Creek arm	2	2			ID	NA	NA		No
2006	Multiple	0307_05	Middle 1000 acres near Finley Branch	2	2			ID	NA	NA		No
2006	Selenium	0307_03	Middle 5000 acres	1	1			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0307_02	Lower 3000 acre Doctors Creek arm	10	10	0	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	0307_05	Middle 1000 acres near Finley Branch	5	5	0	5.00	LD	NC	NC		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0307_02	Lower 3000 acre Doctors Creek arm	10	10	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0307_05	Middle 1000 acres near Finley Branch	5	5	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0307_01	Lower 5000 acres near dam	38	15	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0307_02	Lower 3000 acre Doctors Creek arm	60	28	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0307_03	Middle 5000 acres	31	15	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0307_04	Middle 2000 acre Johns Creek arm	7	5	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0307_05	Middle 1000 acres near Finley Branch	94	26	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0307_01	Lower 5000 acres near dam	16	6	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0307_02	Lower 3000 acre Doctors Creek arm	60	28	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0307_03	Middle 5000 acres	14	6	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0307_04	Middle 2000 acre Johns Creek arm	7	5	0	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0307_05	Middle 1000 acres near Finley Branch	94	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: 0307 Cooper Lake

**Water body type:** Reservoir

**Water body size:** 19,305 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>Aquatic Life Use</u></b>												
<b>Toxic Substances in sediment</b>												
2006	Multiple	0307_02	Lower 3000 acre Doctors Creek arm	1	1	0		ID	NA	NA		No
2006	Multiple	0307_05	Middle 1000 acres near Finley Branch	1	1	0		ID	NA	NA		No
<b><u>Fish Consumption Use</u></b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0307_01	Lower 5000 acres near dam	7	7			LD	NC	NC		No
2006	Multiple	0307_02	Lower 3000 acre Doctors Creek arm	7	7			LD	NC	NC		No
2006	Multiple	0307_03	Middle 5000 acres	7	7			LD	NC	NC		No
2006	Multiple	0307_04	Middle 2000 acre Johns Creek arm	7	7			LD	NC	NC		No
2006	Multiple	0307_05	Middle 1000 acres near Finley Branch	7	7			LD	NC	NC		No

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

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**Segment ID: 0307 Cooper Lake**

**Water body type:** Reservoir

**Water body size:** 19,305 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	0307_01	Lower 5000 acres near dam	62	62	4.94		AD	FS	FS		No
2008	Chloride	0307_02	Lower 3000 acre Doctors Creek arm	62	62	4.94		AD	FS	FS		No
2008	Chloride	0307_03	Middle 5000 acres	62	62	4.94		AD	FS	FS		No
2008	Chloride	0307_04	Middle 2000 acre Johns Creek arm	62	62	4.94		AD	FS	FS		No
2008	Chloride	0307_05	Middle 1000 acres near Finley Branch	62	62	4.94		AD	FS	FS		No
2008	Chloride	0307_06	Remainder of segment	62	62	4.94		AD	FS	FS		No
2008	Sulfate	0307_01	Lower 5000 acres near dam	62	62	11.28		AD	FS	FS		No
2008	Sulfate	0307_02	Lower 3000 acre Doctors Creek arm	62	62	11.28		AD	FS	FS		No
2008	Sulfate	0307_03	Middle 5000 acres	62	62	11.28		AD	FS	FS		No
2008	Sulfate	0307_04	Middle 2000 acre Johns Creek arm	62	62	11.28		AD	FS	FS		No
2008	Sulfate	0307_05	Middle 1000 acres near Finley Branch	62	62	11.28		AD	FS	FS		No
2008	Sulfate	0307_06	Remainder of segment	62	62	11.28		AD	FS	FS		No
2008	Total Dissolved Solids	0307_01	Lower 5000 acres near dam	72	72	130.21		AD	FS	FS		No
2008	Total Dissolved Solids	0307_02	Lower 3000 acre Doctors Creek arm	72	72	130.21		AD	FS	FS		No
2008	Total Dissolved Solids	0307_03	Middle 5000 acres	72	72	130.21		AD	FS	FS		No
2008	Total Dissolved Solids	0307_04	Middle 2000 acre Johns Creek arm	72	72	130.21		AD	FS	FS		No
2008	Total Dissolved Solids	0307_05	Middle 1000 acres near Finley Branch	72	72	130.21		AD	FS	FS		No
2008	Total Dissolved Solids	0307_06	Remainder of segment	72	72	130.21		AD	FS	FS		No
<b>High pH</b>												
2008	pH	0307_01	Lower 5000 acres near dam	38	15	3	8.50	AD	NS	NS	5b	No
2008	pH	0307_02	Lower 3000 acre Doctors Creek arm	60	28	5	8.50	AD	NS	NS	5b	No
2008	pH	0307_03	Middle 5000 acres	31	15	4	8.50	AD	NS	NS	5b	No
2008	pH	0307_04	Middle 2000 acre Johns Creek arm	7	5	4	8.50	LD	NS	NS	5b	No
2008	pH	0307_05	Middle 1000 acres near Finley Branch	94	26	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: 0307 Cooper Lake**

**Water body type:** Reservoir

**Water body size:** 19,305 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>Low pH</b>												
2008	pH	0307_01	Lower 5000 acres near dam	38	15	0	6.00	AD	FS	FS		No
2008	pH	0307_02	Lower 3000 acre Doctors Creek arm	60	28	0	6.00	AD	FS	FS		No
2008	pH	0307_03	Middle 5000 acres	31	15	0	6.00	AD	FS	FS		No
2008	pH	0307_04	Middle 2000 acre Johns Creek arm	7	5	0	6.00	LD	NC	NC		No
2008	pH	0307_05	Middle 1000 acres near Finley Branch	94	26	0	6.00	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0307_01	Lower 5000 acres near dam	21	21	2	0.11	AD	NC	NC		No
2008	Ammonia	0307_02	Lower 3000 acre Doctors Creek arm	26	26	0	0.11	AD	NC	NC		No
2008	Ammonia	0307_03	Middle 5000 acres	21	21	1	0.11	AD	NC	NC		No
2008	Ammonia	0307_05	Middle 1000 acres near Finley Branch	21	21	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	0307_02	Lower 3000 acre Doctors Creek arm	21	21	1	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0307_05	Middle 1000 acres near Finley Branch	23	23	0	26.70	AD	NC	NC		No
2008	Nitrate	0307_01	Lower 5000 acres near dam	21	21	5	0.37	AD	NC	NC		No
2008	Nitrate	0307_02	Lower 3000 acre Doctors Creek arm	28	28	5	0.37	AD	NC	NC		No
2008	Nitrate	0307_03	Middle 5000 acres	21	21	5	0.37	AD	NC	NC		No
2008	Nitrate	0307_05	Middle 1000 acres near Finley Branch	23	23	4	0.37	AD	NC	NC		No
2008	Orthophosphorus	0307_01	Lower 5000 acres near dam	21	21	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	0307_02	Lower 3000 acre Doctors Creek arm	28	28	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	0307_03	Middle 5000 acres	21	21	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	0307_05	Middle 1000 acres near Finley Branch	23	23	2	0.05	AD	NC	NC		No
2008	Total Phosphorus	0307_02	Lower 3000 acre Doctors Creek arm	21	21	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	0307_05	Middle 1000 acres near Finley Branch	21	21	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: 0307 Cooper Lake**

**Water body type:** Reservoir

**Water body size:** 19,305 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	0307_01	Lower 5000 acres near dam	38	15	0	33.90	AD	FS	FS		No
2008	Temperature	0307_02	Lower 3000 acre Doctors Creek arm	60	28	0	33.90	AD	FS	FS		No
2008	Temperature	0307_03	Middle 5000 acres	31	15	0	33.90	AD	FS	FS		No
2008	Temperature	0307_04	Middle 2000 acre Johns Creek arm	7	5	0	33.90	LD	NC	NC		No
2008	Temperature	0307_05	Middle 1000 acres near Finley Branch	94	26	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: 0307 Cooper Lake**

**Water body type:** Reservoir

**Water body size:** 19,305 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	Multiple	0307_01	Lower 5000 acres near dam						OE	NC	NC		No
2008	Multiple	0307_02	Lower 3000 acre Doctors Creek arm						OE	NC	NC		No
2008	Multiple	0307_03	Middle 5000 acres						OE	NC	NC		No
2008	Multiple	0307_04	Middle 2000 acre Johns Creek arm						OE	NC	NC		No
2008	Multiple	0307_05	Middle 1000 acres near Finley Branch						OE	NC	NC		No
2008	Multiple	0307_06	Remainder of segment						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Multiple	0307_01	Lower 5000 acres near dam						OE	FS	FS		No
2008	Multiple	0307_02	Lower 3000 acre Doctors Creek arm						OE	FS	FS		No
2008	Multiple	0307_03	Middle 5000 acres						OE	FS	FS		No
2008	Multiple	0307_04	Middle 2000 acre Johns Creek arm						OE	FS	FS		No
2008	Multiple	0307_05	Middle 1000 acres near Finley Branch						OE	FS	FS		No
2008	Multiple	0307_06	Remainder of segment						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>													
2008	Multiple	0307_01	Lower 5000 acres near dam						OE	NC	NC		No
2008	Multiple	0307_02	Lower 3000 acre Doctors Creek arm						OE	NC	NC		No
2008	Multiple	0307_03	Middle 5000 acres						OE	NC	NC		No
2008	Multiple	0307_04	Middle 2000 acre Johns Creek arm						OE	NC	NC		No
2008	Multiple	0307_05	Middle 1000 acres near Finley Branch						OE	NC	NC		No
2008	Multiple	0307_06	Remainder of segment						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>													
2006	Multiple	0307_01	Lower 5000 acres near dam	35	35			AD	FS	FS		No	
2006	Multiple	0307_02	Lower 3000 acre Doctors Creek arm	35	35			AD	FS	FS		No	
2006	Multiple	0307_03	Middle 5000 acres	35	35			AD	FS	FS		No	
2006	Multiple	0307_04	Middle 2000 acre Johns Creek arm	35	35			AD	FS	FS		No	
2006	Multiple	0307_05	Middle 1000 acres near Finley Branch	35	35			AD	FS	FS		No	

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**Segment ID: 0307 Cooper Lake**

**Water body type:** Reservoir

**Water body size:** 19,305 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	0307_02	Lower 3000 acre Doctors Creek arm	17	17	0	1.89	126.00	AD	FS	FS	No
2008	E. coli	0307_05	Middle 1000 acres near Finley Branch	19	19	0	3.56	126.00	AD	FS	FS	No
2008	Fecal coliform	0307_01	Lower 5000 acres near dam	2	2	0	4.69	200.00	ID	NA	NA	No
2008	Fecal coliform	0307_02	Lower 3000 acre Doctors Creek arm	3	3	0	5.09	200.00	SM	NA	NA	No
2008	Fecal coliform	0307_03	Middle 5000 acres	2	2	0	7.75	200.00	ID	NA	NA	No
2008	Fecal coliform	0307_05	Middle 1000 acres near Finley Branch	1	1	0	1.00	200.00	SM	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0307_02	Lower 3000 acre Doctors Creek arm	17	17	0		394.00	AD	FS	FS	No
2008	E. coli	0307_05	Middle 1000 acres near Finley Branch	19	19	0		394.00	AD	FS	FS	No
2008	Fecal coliform	0307_01	Lower 5000 acres near dam	2	2	0		400.00	ID	NA	NA	No
2008	Fecal coliform	0307_02	Lower 3000 acre Doctors Creek arm	3	3	0		400.00	SM	NA	NA	No
2008	Fecal coliform	0307_03	Middle 5000 acres	2	2	0		400.00	ID	NA	NA	No
2008	Fecal coliform	0307_05	Middle 1000 acres near Finley Branch	1	1	0		400.00	SM	NA	NA	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: 0307A Middle Sulphur River (unclassified water body)

Water body type: Freshwater Stream

Water body size: 29 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	0307A_01 Entire water body	10	10				AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0307A_01 Entire water body	10	10				AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0307A_01 Entire water body	2	2	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0307A_01 Entire water body	2	2	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0307A_01 Entire water body	11	11	0		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0307A_01 Entire water body	11	11	0		3.00	AD	NC	NC		No
<b>Fish Community</b>												
2006	Fish Community	0307A_01 Entire water body	2	2		41.50		AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0307A_01 Entire water body	2	2		14.00		AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0307A_01 Entire water body	2	2		19.50		AD	FS	FS		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0307A_01 Entire water body	10	10				AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0307A_01 Entire water body	8	8	1		0.33	LD	NC	NC		No
2006	Chlorophyll-a	0307A_01 Entire water body	4	4	1		14.10	LD	NC	NC		No
2006	Nitrate	0307A_01 Entire water body	9	9	0		1.95	LD	NC	NC		No
2006	Orthophosphorus	0307A_01 Entire water body	9	9	0		0.37	LD	NC	NC		No
2006	Total Phosphorus	0307A_01 Entire water body	4	4			0.69	LD	NC	NC		No

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### Segment ID: 0307A Middle Sulphur River (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 29 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	0307A_01 Entire water body	4	4		36.00	126.00	LD	NC	NC		No
2006	Fecal coliform	0307A_01 Entire water body	2	2		612.00	200.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0307A_01 Entire water body	4	4	1		394.00	LD	NC	NC		No
2006	Fecal coliform	0307A_01 Entire water body	2	2	2		400.00	ID	NA	NA		No

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### Segment ID: 0307B Jernigan Creek (unclassified water body)

Water body type: Freshwater 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>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0307B_01 Entire segment	2	2	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0307B_01 Entire segment	2	2	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0307B_01 Entire segment	6	6	1		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0307B_01 Entire segment	6	6	1		3.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0307B_01 Entire segment	2	2		36.00		AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0307B_01 Entire segment	2	2		12.00		AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0307B_01 Entire segment	2	2		21.00		AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0307B_01 Entire segment	4	4	1		0.33	TR	NA	NA		No
2006	Chlorophyll-a	0307B_01 Entire segment	4	4	0		14.00	TR	NA	NA		No
2006	Nitrate	0307B_01 Entire segment	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0307B_01 Entire segment	4	4	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	0307B_01 Entire segment	4	4	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0307B_01 Entire segment	4	4		118.00	126.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0307B_01 Entire segment	4	4	1		394.00	TR	NA	NA		No

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### Segment ID: 0307C Pecan 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>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0307C_01 Entire segment	2	2	0		3.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0307C_01 Entire segment	2	2	0		2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0307C_01 Entire segment	6	6	0		2.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0307C_01 Entire segment	6	6	0		3.00	TR	NA	NA		No
<b>Fish Community</b>												
2006	Fish Community	0307C_01 Entire segment	2	2		48.00		AD	FS	FS		No
<b>Habitat</b>												
2006	Habitat	0307C_01 Entire segment	2	2		13.00		AD	NC	NC		No
<b>Macrobenthic Community</b>												
2006	Macrobenthic Community	0307C_01 Entire segment	2	2		20.50		AD	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0307C_01 Entire segment	4	4	0		0.33	TR	NA	NA		No
2006	Chlorophyll-a	0307C_01 Entire segment	4	4	1		14.00	TR	NA	NA		No
2006	Nitrate	0307C_01 Entire segment	4	4	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0307C_01 Entire segment	4	4	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	0307C_01 Entire segment	4	4	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0307C_01 Entire segment	4	4		131.00	126.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0307C_01 Entire segment	4	4	1		394.00	TR	NA	NA		No