

## 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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to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: 0501 Sabine River Tidal

Water body type: Tidal Stream

Water body size: 24 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0501_01	Lower 10 miles of segment	2	2	0		ID	NA	NA		No
2006	Multiple	0501_02	Upper 14 miles of segment	4	4	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0501_01	Lower 10 miles of segment	2	2			ID	NA	NA		No
2006	Multiple	0501_02	Upper 14 miles of segment	4	4	0		LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0501_01	Lower 10 miles of segment	281	130	2	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0501_02	Upper 14 miles of segment	222	91	1	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0501_01	Lower 10 miles of segment	281	130	2	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0501_02	Upper 14 miles of segment	222	91	2	4.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0501_01	Lower 10 miles of segment	6	6	0		LD	NC	NC		No
2006	Multiple	0501_02	Upper 14 miles of segment	6	6	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0501_01	Lower 10 miles of segment	6	6			LD	NC	NC		No
2006	Multiple	0501_02	Upper 14 miles of segment	6	6			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: 0501 Sabine River Tidal

Water body type: Tidal Stream

Water body size: 24 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>High pH</b>												
2008	pH	0501_01	Lower 10 miles of segment	281	130	0	8.50	AD	FS	FS		No
2008	pH	0501_02	Upper 14 miles of segment	222	91	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0501_01	Lower 10 miles of segment	281	130	0	6.00	AD	FS	FS		No
2008	pH	0501_02	Upper 14 miles of segment	222	91	2	6.00	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0501_01	Lower 10 miles of segment	6	6	1	0.46	LD	NC	NC		No
2008	Ammonia	0501_02	Upper 14 miles of segment	8	8	0	0.46	LD	NC	NC		No
2008	Chlorophyll-a	0501_02	Upper 14 miles of segment	2	2	0	21.00	ID	NA	NA		No
2008	Nitrate	0501_01	Lower 10 miles of segment	135	135	2	1.10	AD	NC	NC		No
2008	Nitrate	0501_02	Upper 14 miles of segment	99	99	0	1.10	AD	NC	NC		No
2008	Orthophosphorus	0501_01	Lower 10 miles of segment	128	128	1	0.46	AD	NC	NC		No
2008	Orthophosphorus	0501_02	Upper 14 miles of segment	99	99	0	0.46	AD	NC	NC		No
2008	Total Phosphorus	0501_02	Upper 14 miles of segment	2	2	0	0.66	ID	NA	NA		No
<b>Water Temperature</b>												
2008	Temperature	0501_01	Lower 10 miles of segment	280	130	0	35.00	AD	FS	FS		No
2008	Temperature	0501_02	Upper 14 miles of segment	222	91	0	35.00	AD	FS	FS		No

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

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

### Segment ID: 0501 Sabine River Tidal

Water body type: Tidal Stream

Water body size: 24 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0501_01	Lower 10 miles of segment	62	62	0	40.61	126.00	AD	FS	FS	No
2008	E. coli	0501_02	Upper 14 miles of segment	31	31	0	27.23	126.00	AD	FS	FS	No
2008	Enterococcus	0501_01	Lower 10 miles of segment	96	96	0	30.54	35.00	AD	FS	FS	No
2008	Enterococcus	0501_02	Upper 14 miles of segment	59	59	0	28.95	35.00	AD	FS	FS	No
2008	Fecal coliform	0501_01	Lower 10 miles of segment	21	21	0	20.80	200.00	SM	NA	NA	No
2008	Fecal coliform	0501_02	Upper 14 miles of segment	20	20	0	34.78	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0501_01	Lower 10 miles of segment	62	62	2		394.00	AD	FS	FS	No
2008	E. coli	0501_02	Upper 14 miles of segment	31	31	2		394.00	SM	NA	NA	No
2008	Enterococcus	0501_01	Lower 10 miles of segment	96	96	24		89.00	AD	CN	CN	No
2008	Enterococcus	0501_02	Upper 14 miles of segment	59	59	15		89.00	AD	CN	NS	5c Yes
2008	Fecal coliform	0501_01	Lower 10 miles of segment	21	21	2		400.00	SM	NA	NA	No
2008	Fecal coliform	0501_02	Upper 14 miles of segment	20	20	2		400.00	SM	NA	NA	No

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

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

### Segment ID: 0501B Little Cypress Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 8 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0501B_01	Lower 4.2 miles of bayou	2	2	0		ID	NA	NA		No
2006	Multiple	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	2	2	0		ID	NA	NA		No
2006	Multiple	0501B_03	Upper 3.2 miles of bayou	2	2	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0501B_01	Lower 4.2 miles of bayou	13	0	0		ID	NA	NS	5c	Yes
2006	Water Chronic Toxicity	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	13	0	0		ID	NA	NS	5c	Yes
2006	Water Chronic Toxicity	0501B_03	Upper 3.2 miles of bayou	12	0	0		ID	NA	NS	5c	Yes
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0501B_01	Lower 4.2 miles of bayou	2	2			ID	NA	NA		No
2006	Multiple	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	2	2			ID	NA	NA		No
2006	Multiple	0501B_03	Upper 3.2 miles of bayou	2	2			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0501B_01	Lower 4.2 miles of bayou	18	17	10	3.00	AD	NS	NS	5c	No
2006	Dissolved Oxygen Grab	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	17	16	9	3.00	AD	NS	NS	5c	No
2006	Dissolved Oxygen Grab	0501B_03	Upper 3.2 miles of bayou	15	14	6	3.00	AD	NS	NS	5c	No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0501B_01	Lower 4.2 miles of bayou	18	17	11	4.00	AD	CS	CS		No
2006	Dissolved Oxygen Grab	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	17	16	10	4.00	AD	CS	CS		No
2006	Dissolved Oxygen Grab	0501B_03	Upper 3.2 miles of bayou	15	14	8	4.00	AD	CS	CS		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: 0501B Little Cypress Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 8 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Mercury	0501B_01	Lower 4.2 miles of bayou	12	12	0		TR	NA	NA		No
2006	Mercury	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	12	12	0		TR	NA	NA		No
2006	Mercury	0501B_03	Upper 3.2 miles of bayou	12	12	0		TR	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0501B_01	Lower 4.2 miles of bayou	1	1			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0501B_01	Lower 4.2 miles of bayou	3	3	2	0.46	ID	NA	NA		No
2006	Ammonia	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	3	3	1	0.46	ID	NA	NA		No
2006	Ammonia	0501B_03	Upper 3.2 miles of bayou	3	3	1	0.46	ID	NA	NA		No
2006	Nitrate	0501B_01	Lower 4.2 miles of bayou	13	13	1	1.10	AD	NC	NC		No
2006	Nitrate	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	12	12	1	1.10	AD	NC	NC		No
2006	Nitrate	0501B_03	Upper 3.2 miles of bayou	10	10	0	1.10	AD	NC	NC		No
2006	Orthophosphorus	0501B_01	Lower 4.2 miles of bayou	11	11	10	0.46	AD	CS	CS		No
2006	Orthophosphorus	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	10	10	8	0.46	JQ	CS	CS		No
2006	Orthophosphorus	0501B_03	Upper 3.2 miles of bayou	10	10	4	0.46	AD	CS	CS		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: 0501B Little Cypress Bayou (unclassified water body)

**Water body type:** Tidal Stream

**Water body size:** 8 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	Fecal coliform	0501B_01	Lower 4.2 miles of bayou	13	13		1,641.00	200.00	AD	NS	NS	5c	No
2006	Fecal coliform	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	13	13		663.00	200.00	AD	NS	NS	5c	No
2006	Fecal coliform	0501B_03	Upper 3.2 miles of bayou	13	13		396.00	200.00	AD	NS	NS	5c	No
<b>Bacteria Single Sample</b>													
2006	Fecal coliform	0501B_01	Lower 4.2 miles of bayou	13	13	12		400.00	AD	NS	NS	5c	No
2006	Fecal coliform	0501B_02	0.3 mile upstream to 0.5 mile downstream of Bear Path Road	13	13	9		400.00	AD	NS	NS	5c	No
2006	Fecal coliform	0501B_03	Upper 3.2 miles of bayou	13	13	8		400.00	AD	NS	NS	5c	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: 0502 Sabine River Above Tidal

Water body type: Freshwater Stream

Water body size: 77 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	0502_01	Lower 11 miles	1	1	0		ID	NA	NA		No
2006	Multiple	0502_02	Middle 25 miles around SH 12	4	4	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0502_01	Lower 11 miles	1	1			ID	NA	NA		No
2006	Multiple	0502_02	Middle 25 miles around SH 12	4	4	0		LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0502_01	Lower 11 miles	98	84	3	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0502_02	Middle 25 miles around SH 12	123	92	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0502_01	Lower 11 miles	98	84	7	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0502_02	Middle 25 miles around SH 12	123	92	2	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0502_01	Lower 11 miles	4	4	0		LD	NC	NC		No
2006	Multiple	0502_02	Middle 25 miles around SH 12	4	4	0		LD	NC	NC		No
2006	Multiple	0502_03	Upper 41 miles	4	4	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0502_01	Lower 11 miles	4	4			LD	NC	NC		No
2006	Multiple	0502_02	Middle 25 miles around SH 12	4	4			LD	NC	NC		No
2006	Multiple	0502_03	Upper 41 miles	4	4			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: 0502 Sabine River Above Tidal

Water body type: Freshwater Stream

Water body size: 77 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	0502_01	Lower 11 miles	166	166	12.72	50.00	AD	FS	FS		No
2008	Chloride	0502_02	Middle 25 miles around SH 12	166	166	12.72	50.00	AD	FS	FS		No
2008	Chloride	0502_03	Upper 41 miles	166	166	12.72	50.00	AD	FS	FS		No
2008	Sulfate	0502_01	Lower 11 miles	167	167	25.50	50.00	AD	FS	FS		No
2008	Sulfate	0502_02	Middle 25 miles around SH 12	167	167	25.50	50.00	AD	FS	FS		No
2008	Sulfate	0502_03	Upper 41 miles	167	167	25.50	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0502_01	Lower 11 miles	188	188	103.83	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0502_02	Middle 25 miles around SH 12	188	188	103.83	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0502_03	Upper 41 miles	188	188	103.83	200.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	0502_01	Lower 11 miles	98	84	0	8.50	AD	FS	FS		No
2008	pH	0502_02	Middle 25 miles around SH 12	123	92	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0502_01	Lower 11 miles	98	84	2	6.00	AD	FS	FS		No
2008	pH	0502_02	Middle 25 miles around SH 12	123	92	2	6.00	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0502_01	Lower 11 miles	6	6	0	0.33	TR	NA	NA		No
2008	Ammonia	0502_02	Middle 25 miles around SH 12	6	6	0	0.33	LD	NC	NC		No
2008	Chlorophyll-a	0502_02	Middle 25 miles around SH 12	26	26	0	14.10	AD	NC	NC		No
2008	Nitrate	0502_01	Lower 11 miles	76	76	0	1.95	AD	NC	NC		No
2008	Nitrate	0502_02	Middle 25 miles around SH 12	99	99	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0502_01	Lower 11 miles	73	73	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0502_02	Middle 25 miles around SH 12	99	99	0	0.37	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0502_01	Lower 11 miles	98	84	0	32.80	AD	FS	FS		No
2008	Temperature	0502_02	Middle 25 miles around SH 12	127	96	0	32.80	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: 0502 Sabine River Above Tidal

Water body type: Freshwater Stream

Water body size: 77 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Public Water Supply Use

##### Finished Drinking Water Dissolved Solids average

2008	Multiple	0502_01	Lower 11 miles					OE	NC	NC		No
2008	Multiple	0502_02	Middle 25 miles around SH 12					OE	NC	NC		No
2008	Multiple	0502_03	Upper 41 miles					OE	NC	NC		No

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

2008	Multiple	0502_01	Lower 11 miles					OE	FS	FS		No
2008	Multiple	0502_02	Middle 25 miles around SH 12					OE	FS	FS		No
2008	Multiple	0502_03	Upper 41 miles					OE	FS	FS		No

##### Finished Drinking Water MCLs Concern

2008	Multiple	0502_01	Lower 11 miles					OE	NC	NC		No
2008	Multiple	0502_02	Middle 25 miles around SH 12					OE	NC	NC		No
2008	Multiple	0502_03	Upper 41 miles					OE	NC	NC		No

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

2006	Fluoride	0502_01	Lower 11 miles	58	58		4,000.00	AD	FS	FS		No
2006	Fluoride	0502_02	Middle 25 miles around SH 12	58	58		4,000.00	AD	FS	FS		No
2006	Fluoride	0502_03	Upper 41 miles	58	58		4,000.00	AD	FS	FS		No
2006	Multiple	0502_01	Lower 11 miles	10	10			AD	FS	FS		No
2006	Multiple	0502_02	Middle 25 miles around SH 12	10	10			AD	FS	FS		No
2006	Multiple	0502_03	Upper 41 miles	10	10			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: 0502 Sabine River Above Tidal

Water body type: Freshwater Stream

Water body size: 77 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	0502_01	Lower 11 miles	37	37		49.00	126.00	AD	FS	FS	No
2006	E. coli	0502_02	Middle 25 miles around SH 12	37	37		24.00	126.00	AD	FS	FS	No
2006	Fecal coliform	0502_01	Lower 11 miles	21	21		32.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0502_02	Middle 25 miles around SH 12	21	21		30.00	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0502_01	Lower 11 miles	37	37	6	394.00	AD	FS	FS		No
2006	E. coli	0502_02	Middle 25 miles around SH 12	37	37	0	394.00	AD	FS	FS		No
2006	Fecal coliform	0502_01	Lower 11 miles	21	21	2	400.00	AD	FS	FS		No
2006	Fecal coliform	0502_02	Middle 25 miles around SH 12	21	21	0	400.00	AD	FS	FS		No

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

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

### Segment ID: 0502A Nichols Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 32 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0502A_01	Lower 25 miles of creek	0	0	0		ID	NA	NS	5c	Yes
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0502A_01	Lower 25 miles of creek	7	7	4	3.00	LD	NS	NS	5c	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0502A_01	Lower 25 miles of creek	7	7	4	2.00	LD	NS	NS	5c	No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0502A_01	Lower 25 miles of creek	3	3	0	2.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0502A_01	Lower 25 miles of creek	3	3	1	3.00	ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0502A_01	Lower 25 miles of creek	10	10	0	0.33	TR	NA	NA		No
2006	Chlorophyll-a	0502A_01	Lower 25 miles of creek	5	5	1	14.10	TR	NA	NA		No
2006	Nitrate	0502A_01	Lower 25 miles of creek	9	9	0	1.95	TR	NA	NA		No
2006	Orthophosphorus	0502A_01	Lower 25 miles of creek	7	7	0	0.37	TR	NA	NA		No
2006	Total Phosphorus	0502A_01	Lower 25 miles of creek	10	10	0	0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0502A_01	Lower 25 miles of creek					ID	NA	NS	5c	Yes
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0502A_01	Lower 25 miles of creek					ID	NA	CN		Yes

## 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: 0502B Caney Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 25 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	2	2	0		ID	NA	NA		No
2006	Multiple	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	2	2	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	15	0	0		ID	NA	NA		No
2006	Water Chronic Toxicity	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	14	0	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	2	2			ID	NA	NA		No
2006	Multiple	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	2	2			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	18	18	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	14	14	0	3.00	AD	FS	FS		No

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

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

### Segment ID: 0502B Caney Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 25 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	18	18	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	14	14	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	4	4	0		LD	NC	NC		No
2006	Multiple	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	4	4	0		LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	4	4			LD	NC	NC		No
2006	Multiple	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	4	4			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: 0502B Caney Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 25 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Nitrate	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	15	15	0	1.95	AD	NC	NC		No
2006	Nitrate	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	13	13	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	14	14	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	12	12	0	0.37	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	14	13		122.00	AD	FS	FS		No
2006	E. coli	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	11	11		334.00	AD	NS	NS	5c	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0502B_01	Perennial stream from the Sabine River upstream to the confluence with Martin Branch	14	14	1	394.00	AD	FS	FS		No
2006	E. coli	0502B_02	From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch	11	11	4	394.00	AD	CN	CN		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: 0502C Sabine River Authority Canal (unclassified water body)

Water body type: Freshwater Stream

Water body size: 9 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0502C_01	Entire segment	2	2	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0502C_01	Entire segment	2	2			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0502C_01	Entire segment	164	164	6	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0502C_01	Entire segment	164	161	16	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0502C_01	Entire segment	2	2	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0502C_01	Entire segment	1	1			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0502C_01	Entire segment	27	27	0	0.33	AD	NC	NC		No
2006	Nitrate	0502C_01	Entire segment	140	140	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	0502C_01	Entire segment	136	136	0	0.37	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0502C_01	Entire segment	67	67		55.00	AD	FS	FS		No
2006	Fecal coliform	0502C_01	Entire segment	87	87		29.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0502C_01	Entire segment	67	67	8	394.00	AD	FS	FS		No
2006	Fecal coliform	0502C_01	Entire segment	87	87	3	400.00	AD	FS	FS		No

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

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

### Segment ID: 0502D Dempsey Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 8 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0502D_01 Entire segment	2	2	0			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0502D_01 Entire segment	2	2				ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0502D_01 Entire segment	12	12	0		2.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0502D_01 Entire segment	12	12	0		3.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0502D_01 Entire segment	2	2	0			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0502D_01 Entire segment	2	2				ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Nitrate	0502D_01 Entire segment	12	12	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0502D_01 Entire segment	12	12	0		0.37	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0502D_01 Entire segment	11	11		92.00	126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0502D_01 Entire segment	11	11	0		394.00	AD	FS	FS		No

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

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

### Segment ID: 0503 Sabine River Above Caney Creek

Water body type: Freshwater Stream

Water body size: 60 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	0503_01	Lower 25 miles of segment	3	3	0		ID	NA	NA		No
2006	Multiple	0503_03	Upper 10 miles of segment	3	3	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0503_01	Lower 25 miles of segment	3	3			ID	NA	NA		No
2006	Multiple	0503_03	Upper 10 miles of segment	3	3			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	3	3	0	5.00	ID	NC	NC		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	3	3	0	3.00	ID	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0503_01	Lower 25 miles of segment	114	88	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	10	4	0	3.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0503_03	Upper 10 miles of segment	210	204	1	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0503_01	Lower 25 miles of segment	114	88	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	10	4	1	5.00	LD	NC	NC		No
2008	Dissolved Oxygen Grab	0503_03	Upper 10 miles of segment	210	204	7	5.00	AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0503_01	Lower 25 miles of segment	4	4			LD	NC	NC		No
2006	Multiple	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	4	4			LD	NC	NC		No
2006	Multiple	0503_03	Upper 10 miles of segment	4	4			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: 0503 Sabine River Above Caney Creek

Water body type: Freshwater Stream

Water body size: 60 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	0503_01	Lower 25 miles of segment	411	411	13.30	50.00	AD	FS	FS		No
2008	Chloride	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	411	411	13.30	50.00	AD	FS	FS		No
2008	Chloride	0503_03	Upper 10 miles of segment	411	411	13.30	50.00	AD	FS	FS		No
2008	Sulfate	0503_01	Lower 25 miles of segment	411	411	17.45	50.00	AD	FS	FS		No
2008	Sulfate	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	411	411	17.45	50.00	AD	FS	FS		No
2008	Sulfate	0503_03	Upper 10 miles of segment	411	411	17.45	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0503_01	Lower 25 miles of segment	422	422	92.44	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	422	422	92.44	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0503_03	Upper 10 miles of segment	422	422	92.44	200.00	AD	FS	FS		No
<b>High pH</b>												
2008	pH	0503_01	Lower 25 miles of segment	114	88	0	8.50	AD	FS	FS		No
2008	pH	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	10	4	0	8.50	LD	NC	NC		No
2008	pH	0503_03	Upper 10 miles of segment	210	204	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0503_01	Lower 25 miles of segment	114	88	0	6.00	AD	FS	FS		No
2008	pH	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	10	4	0	6.00	LD	NC	NC		No
2008	pH	0503_03	Upper 10 miles of segment	210	204	0	6.00	AD	FS	FS		No

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

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

### Segment ID: 0503 Sabine River Above Caney Creek

**Water body type:** Freshwater Stream

**Water body size:** 60 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0503_01	Lower 25 miles of segment	10	10	1	0.33	AD	NC	NC		No
2008	Ammonia	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	4	4	0	0.33	LD	NC	NC		No
2008	Ammonia	0503_03	Upper 10 miles of segment	18	18	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0503_01	Lower 25 miles of segment	30	30	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	4	4	0	14.10	LD	NC	NC		No
2008	Chlorophyll-a	0503_03	Upper 10 miles of segment	26	26	1	14.10	AD	NC	NC		No
2008	Nitrate	0503_01	Lower 25 miles of segment	81	81	0	1.95	AD	NC	NC		No
2008	Nitrate	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	4	4	0	1.95	LD	NC	NC		No
2008	Nitrate	0503_03	Upper 10 miles of segment	184	184	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0503_01	Lower 25 miles of segment	80	80	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	4	4	0	0.37	LD	NC	NC		No
2008	Orthophosphorus	0503_03	Upper 10 miles of segment	183	183	2	0.37	AD	NC	NC		No
2008	Total Phosphorus	0503_01	Lower 25 miles of segment	4	4	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	4	4	0	0.69	LD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0503_01	Lower 25 miles of segment	237	211	1	32.80	AD	FS	FS		No
2008	Temperature	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	10	4	0	32.80	LD	NC	NC		No
2008	Temperature	0503_03	Upper 10 miles of segment	213	207	0	32.80	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: 0503 Sabine River Above Caney Creek

Water body type: Freshwater Stream

Water body size: 60 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
<b>Public Water Supply Use</b>													
<b>Finished Drinking Water Dissolved Solids average</b>													
2008	Multiple	0503_01	Lower 25 miles of segment						OE	NC	NC		No
2008	Multiple	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63						OE	NC	NC		No
2008	Multiple	0503_03	Upper 10 miles of segment						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>													
2008	Multiple	0503_01	Lower 25 miles of segment						OE	FS	FS		No
2008	Multiple	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63						OE	FS	FS		No
2008	Multiple	0503_03	Upper 10 miles of segment						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>													
2008	Multiple	0503_01	Lower 25 miles of segment						OE	NC	NC		No
2008	Multiple	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63						OE	NC	NC		No
2008	Multiple	0503_03	Upper 10 miles of segment						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>													
2006	Fluoride	0503_01	Lower 25 miles of segment		220	220	4,000.00	AD	FS	FS		No	
2006	Fluoride	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63		220	220	4,000.00	AD	FS	FS		No	
2006	Fluoride	0503_03	Upper 10 miles of segment		220	220	4,000.00	AD	FS	FS		No	
2006	Multiple	0503_01	Lower 25 miles of segment		4	4		LD	NC	NC		No	
2006	Multiple	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63		4	4		LD	NC	NC		No	
2006	Multiple	0503_03	Upper 10 miles of segment		4	4		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: 0503 Sabine River Above Caney Creek

Water body type: Freshwater Stream

Water body size: 60 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	0503_01	Lower 25 miles of segment	64	64	0	19.48	126.00	AD	FS	FS	No
2008	E. coli	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	4	4	0	19.78	126.00	LD	NC	NC	No
2008	E. coli	0503_03	Upper 10 miles of segment	128	128	0	9.25	126.00	AD	FS	FS	No
2008	Fecal coliform	0503_01	Lower 25 miles of segment	22	22	0	25.97	200.00	AD	FS	FS	No
2008	Fecal coliform	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	1	1	0	30.00	200.00	ID	NA	NA	No
2008	Fecal coliform	0503_03	Upper 10 miles of segment	52	52	0	11.31	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0503_01	Lower 25 miles of segment	64	64	5		394.00	AD	FS	FS	No
2008	E. coli	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	4	4	0		394.00	LD	NC	NC	No
2008	E. coli	0503_03	Upper 10 miles of segment	128	128	10		394.00	AD	FS	FS	No
2008	Fecal coliform	0503_01	Lower 25 miles of segment	22	22	0		400.00	AD	FS	FS	No
2008	Fecal coliform	0503_02	Approx. 7 miles upstream to 18 miles downstream of SH 63	1	1	0		400.00	ID	NA	NA	No
2008	Fecal coliform	0503_03	Upper 10 miles of segment	52	52	1		400.00	AD	FS	FS	No

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

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

### Segment ID: 0503D Little Cow Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 31 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>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0503D_01	From confluence with Sabine River to confluence with McGraw Creek	7	0	0		ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0503D_01	From confluence with Sabine River to confluence with McGraw Creek	7	7	0	3.00	LD	NC	NC		No
2006	Dissolved Oxygen Grab	0503D_02	From confluence with McGraw Creek to 2.75 miles upstream of Rt 255	7	7	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0503D_01	From confluence with Sabine River to confluence with McGraw Creek	7	7	0	5.00	LD	NC	NC		No
2006	Dissolved Oxygen Grab	0503D_02	From confluence with McGraw Creek to 2.75 miles upstream of Rt 255	7	7	0	5.00	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: 0504 Toledo Bend Reservoir

**Water body type:** Reservoir

**Water body size:** 181,600 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	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	4	4	0		LD	NC	NC		No
2006	Multiple	0504_02	Six Mile Boat Lane arm	4	4	0		LD	NC	NC		No
2006	Multiple	0504_03	Sunshine Bay arm	4	4	0		LD	NC	NC		No
2006	Multiple	0504_04	Near SH 21	4	4	0		LD	NC	NC		No
2006	Multiple	0504_05	Patroon Bayou Branch arm	4	4	0		LD	NC	NC		No
2006	Multiple	0504_07	Uppermost 5120 acres of reservoir	5	5	0		LD	NC	NC		No
2006	Multiple	0504_08	Negreet Bayou arm	1	1	0		ID	NA	NA		No
2006	Multiple	0504_09	San Miguel arm	3	3	0		ID	NA	NA		No
2006	Multiple	0504_10	San Patricia arm	2	2	0		ID	NA	NA		No
2006	Multiple	0504_11	Toledo Bend reservoir near Buzzard Bend	1	1	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	6	0	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	4	4	0		LD	NC	NC		No
2006	Multiple	0504_02	Six Mile Boat Lane arm	4	4	0		LD	NC	NC		No
2006	Multiple	0504_03	Sunshine Bay arm	4	4	0		LD	NC	NC		No
2006	Multiple	0504_04	Near SH 21	4	4	0		LD	NC	NC		No
2006	Multiple	0504_05	Patroon Bayou Branch arm	4	4	0		LD	NC	NC		No
2006	Multiple	0504_07	Uppermost 5120 acres of reservoir	5	5	0		LD	NC	NC		No
2006	Multiple	0504_08	Negreet Bayou arm	1	1	0		ID	NA	NA		No
2006	Multiple	0504_09	San Miguel arm	3	3	0		ID	NA	NA		No
2006	Multiple	0504_10	San Patricia arm	2	2	0		ID	NA	NA		No
2006	Multiple	0504_11	Toledo Bend reservoir near Buzzard Bend	1	1	0		ID	NA	NA		No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	172	92	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_02	Six Mile Boat Lane arm	132	83	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_03	Sunshine Bay arm	140	83	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_04	Near SH 21	154	83	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_05	Patroon Bayou Branch arm	163	83	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_06	Tenaha Creek arm	18	8	2	3.00	LD	CN	NS	5c	Yes
2008	Dissolved Oxygen Grab	0504_07	Uppermost 5120 acres of reservoir	226	118	4	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_08	Negreet Bayou arm	59	38	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_09	San Miguel arm	98	69	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_10	San Patricia arm	46	35	3	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0504_11	Toledo Bend reservoir near Buzzard Bend	84	39	1	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	172	92	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0504_02	Six Mile Boat Lane arm	132	83	3	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0504_03	Sunshine Bay arm	140	83	4	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0504_04	Near SH 21	154	83	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0504_05	Patroon Bayou Branch arm	163	83	5	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0504_06	Tenaha Creek arm	18	8	3	5.00	LD	CS	CS		No
2008	Dissolved Oxygen Grab	0504_07	Uppermost 5120 acres of reservoir	226	118	21	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0504_08	Negreet Bayou arm	59	38	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0504_09	San Miguel arm	98	69	4	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0504_10	San Patricia arm	46	35	16	5.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0504_11	Toledo Bend reservoir near Buzzard Bend	84	39	4	5.00	AD	NC	NC		No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

**Water body type:** Reservoir

**Water body size:** 181,600 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	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	31	31	0		AD	NC	NC		No
2006	Multiple	0504_02	Six Mile Boat Lane arm	31	31	0		AD	NC	NC		No
2006	Multiple	0504_03	Sunshine Bay arm	31	31	0		AD	NC	NC		No
2006	Multiple	0504_04	Near SH 21	31	31	0		AD	NC	NC		No
2006	Multiple	0504_05	Patroon Bayou Branch arm	31	31	0		AD	NC	NC		No
2006	Multiple	0504_06	Tenaha Creek arm	31	31	0		AD	NC	NC		No
2006	Multiple	0504_07	Uppermost 5120 acres of reservoir	31	31	0		AD	NC	NC		No
2006	Multiple	0504_08	Negreet Bayou arm	31	31	0		AD	NC	NC		No
2006	Multiple	0504_09	San Miguel arm	31	31			AD	NC	NC		No
2006	Multiple	0504_10	San Patricia arm	31	31	0		AD	NC	NC		No
2006	Multiple	0504_11	Toledo Bend reservoir near Buzzard Bend	31	31	0		AD	NC	NC		No
2006	Multiple	0504_12	Remainder of reservoir	31	31	0		AD	NC	NC		No

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

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

**Segment ID: 0504 Toledo Bend Reservoir**

**Water body type:** Reservoir

**Water body size:** 181,600 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### Fish Consumption Use

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

2008	Mercury	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm						OE	NS	NS	5c	No
2008	Mercury	0504_02	Six Mile Boat Lane arm						OE	NS	NS	5c	No
2008	Mercury	0504_03	Sunshine Bay arm						OE	NS	NS	5c	No
2008	Mercury	0504_04	Near SH 21						OE	NS	NS	5c	No
2008	Mercury	0504_05	Patroon Bayou Branch arm						OE	NS	NS	5c	No
2008	Mercury	0504_06	Tenaha Creek arm						OE	NS	NS	5c	No
2008	Mercury	0504_07	Uppermost 5120 acres of reservoir						OE	NS	NS	5c	No
2008	Mercury	0504_08	Negreet Bayou arm						OE	NS	NS	5c	No
2008	Mercury	0504_09	San Miguel arm						OE	NS	NS	5c	No
2008	Mercury	0504_10	San Patricia arm						OE	NS	NS	5c	No
2008	Mercury	0504_11	Toledo Bend reservoir near Buzzard Bend						OE	NS	NS	5c	No
2008	Mercury	0504_12	Remainder of reservoir						OE	NS	NS	5c	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: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 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>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	32	32			AD	FS	FS		No
2006	Multiple	0504_02	Six Mile Boat Lane arm	32	32			AD	FS	FS		No
2006	Multiple	0504_03	Sunshine Bay arm	32	32			AD	FS	FS		No
2006	Multiple	0504_04	Near SH 21	32	32			AD	FS	FS		No
2006	Multiple	0504_05	Patroon Bayou Branch arm	32	32			AD	FS	FS		No
2006	Multiple	0504_06	Tenaha Creek arm	32	32			AD	FS	FS		No
2006	Multiple	0504_07	Uppermost 5120 acres of reservoir	32	32			AD	FS	FS		No
2006	Multiple	0504_08	Negreet Bayou arm	32	32			AD	FS	FS		No
2006	Multiple	0504_09	San Miguel arm	32	32			AD	FS	FS		No
2006	Multiple	0504_10	San Patricia arm	32	32			AD	FS	FS		No
2006	Multiple	0504_11	Toledo Bend reservoir near Buzzard Bend	32	32			AD	FS	FS		No
2006	Multiple	0504_12	Remainder of reservoir	32	32			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: 0504 Toledo Bend Reservoir**

**Water body type:** Reservoir

**Water body size:** 181,600 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

General Use

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

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; 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: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_02	Six Mile Boat Lane arm	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_03	Sunshine Bay arm	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_04	Near SH 21	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_05	Patroon Bayou Branch arm	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_06	Tenaha Creek arm	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_07	Uppermost 5120 acres of reservoir	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_08	Negreet Bayou arm	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_09	San Miguel arm	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_10	San Patricia arm	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_11	Toledo Bend reservoir near Buzzard Bend	733	733		19.60	70.00	AD	FS	FS	No
2008	Chloride	0504_12	Remainder of reservoir	733	733		19.60	70.00	AD	FS	FS	No
2008	Sulfate	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_02	Six Mile Boat Lane arm	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_03	Sunshine Bay arm	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_04	Near SH 21	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_05	Patroon Bayou Branch arm	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_06	Tenaha Creek arm	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_07	Uppermost 5120 acres of reservoir	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_08	Negreet Bayou arm	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_09	San Miguel arm	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_10	San Patricia arm	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_11	Toledo Bend reservoir near Buzzard Bend	730	730		20.16	50.00	AD	FS	FS	No
2008	Sulfate	0504_12	Remainder of reservoir	730	730		20.16	50.00	AD	FS	FS	No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 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	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_02	Six Mile Boat Lane arm	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_03	Sunshine Bay arm	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_04	Near SH 21	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_05	Patroon Bayou Branch arm	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_06	Tenaha Creek arm	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_07	Uppermost 5120 acres of reservoir	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_08	Negreet Bayou arm	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_09	San Miguel arm	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_10	San Patricia arm	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_11	Toledo Bend reservoir near Buzzard Bend	749	749		111.40	240.00	AD	FS	FS	No
2008	Total Dissolved Solids	0504_12	Remainder of reservoir	749	749		111.40	240.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	173	93	0		8.50	AD	FS	FS	No
2008	pH	0504_02	Six Mile Boat Lane arm	133	84	1		8.50	AD	FS	FS	No
2008	pH	0504_03	Sunshine Bay arm	142	84	1		8.50	AD	FS	FS	No
2008	pH	0504_04	Near SH 21	160	84	3		8.50	AD	FS	FS	No
2008	pH	0504_05	Patroon Bayou Branch arm	165	84	5		8.50	AD	FS	FS	No
2008	pH	0504_06	Tenaha Creek arm	20	9	0		8.50	LD	NC	NC	No
2008	pH	0504_07	Uppermost 5120 acres of reservoir	228	120	5		8.50	AD	FS	FS	No
2008	pH	0504_08	Negreet Bayou arm	59	38	1		8.50	AD	FS	FS	No
2008	pH	0504_09	San Miguel arm	105	75	5		8.50	AD	FS	FS	No
2008	pH	0504_10	San Patricia arm	52	39	0		8.50	AD	FS	FS	No
2008	pH	0504_11	Toledo Bend reservoir near Buzzard Bend	84	39	3		8.50	AD	FS	FS	No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 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>Low pH</b>												
2008	pH	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	173	93	0	6.00	AD	FS	FS		No
2008	pH	0504_02	Six Mile Boat Lane arm	133	84	1	6.00	AD	FS	FS		No
2008	pH	0504_03	Sunshine Bay arm	142	84	0	6.00	AD	FS	FS		No
2008	pH	0504_04	Near SH 21	160	84	0	6.00	AD	FS	FS		No
2008	pH	0504_05	Patroon Bayou Branch arm	165	84	0	6.00	AD	FS	FS		No
2008	pH	0504_06	Tenaha Creek arm	20	9	0	6.00	LD	NC	NC		No
2008	pH	0504_07	Uppermost 5120 acres of reservoir	228	120	0	6.00	AD	FS	FS		No
2008	pH	0504_08	Negreet Bayou arm	59	38	0	6.00	AD	FS	FS		No
2008	pH	0504_09	San Miguel arm	105	75	1	6.00	AD	FS	FS		No
2008	pH	0504_10	San Patricia arm	52	39	1	6.00	AD	FS	FS		No
2008	pH	0504_11	Toledo Bend reservoir near Buzzard Bend	84	39	0	6.00	AD	FS	FS		No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

**Water body type:** Reservoir

**Water body size:** 181,600 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	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	12	12	1	0.11	AD	NC	NC		No
2008	Ammonia	0504_02	Six Mile Boat Lane arm	7	7	0	0.11	LD	NC	NC		No
2008	Ammonia	0504_03	Sunshine Bay arm	7	7	0	0.11	LD	NC	NC		No
2008	Ammonia	0504_04	Near SH 21	7	7	0	0.11	LD	NC	NC		No
2008	Ammonia	0504_05	Patroon Bayou Branch arm	6	6	0	0.11	LD	NC	NC		No
2008	Ammonia	0504_06	Tenaha Creek arm	5	5	1	0.11	LD	NC	NC		No
2008	Ammonia	0504_07	Uppermost 5120 acres of reservoir	6	6	0	0.11	LD	NC	NC		No
2008	Ammonia	0504_09	San Miguel arm	7	7	0	0.11	LD	NC	NC		No
2008	Ammonia	0504_10	San Patricia arm	6	6	0	0.11	LD	NC	NC		No
2008	Chlorophyll-a	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	48	48	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0504_03	Sunshine Bay arm	29	29	3	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0504_04	Near SH 21	45	45	1	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0504_06	Tenaha Creek arm	2	2	0	26.70	ID	NA	NA		No
2008	Chlorophyll-a	0504_07	Uppermost 5120 acres of reservoir	2	2	2	26.70	ID	NA	CN		Yes
2008	Chlorophyll-a	0504_11	Toledo Bend reservoir near Buzzard Bend	25	25	11	26.70	AD	CS	CS		No
2008	Nitrate	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	86	86	2	0.37	AD	NC	NC		No
2008	Nitrate	0504_02	Six Mile Boat Lane arm	79	79	0	0.37	AD	NC	NC		No
2008	Nitrate	0504_03	Sunshine Bay arm	79	79	0	0.37	AD	NC	NC		No
2008	Nitrate	0504_04	Near SH 21	78	78	0	0.37	AD	NC	NC		No
2008	Nitrate	0504_05	Patroon Bayou Branch arm	79	79	0	0.37	AD	NC	NC		No
2008	Nitrate	0504_06	Tenaha Creek arm	6	6	2	0.37	LD	NC	NC		No
2008	Nitrate	0504_07	Uppermost 5120 acres of reservoir	114	114	18	0.37	AD	NC	NC		No
2008	Nitrate	0504_08	Negreet Bayou arm	37	37	0	0.37	AD	NC	NC		No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	Nitrate	0504_09	San Miguel arm	69	69	2	0.37	AD	NC	NC		No
2008	Nitrate	0504_10	San Patricia arm	34	34	0	0.37	AD	NC	NC		No
2008	Nitrate	0504_11	Toledo Bend reservoir near Buzzard Bend	38	38	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	85	85	6	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_02	Six Mile Boat Lane arm	76	76	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_03	Sunshine Bay arm	76	76	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_04	Near SH 21	75	75	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_05	Patroon Bayou Branch arm	76	76	3	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_06	Tenaha Creek arm	5	5	5	0.05	LD	CS	CS		No
2008	Orthophosphorus	0504_07	Uppermost 5120 acres of reservoir	110	110	5	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_08	Negreet Bayou arm	37	37	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_09	San Miguel arm	68	68	10	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_10	San Patricia arm	33	33	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	0504_11	Toledo Bend reservoir near Buzzard Bend	38	38	3	0.05	AD	NC	NC		No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Water Temperature</b>												
2008	Temperature	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	173	93	0	33.90	AD	FS	FS		No
2008	Temperature	0504_02	Six Mile Boat Lane arm	133	84	0	33.90	AD	FS	FS		No
2008	Temperature	0504_03	Sunshine Bay arm	142	84	0	33.90	AD	FS	FS		No
2008	Temperature	0504_04	Near SH 21	160	84	0	33.90	AD	FS	FS		No
2008	Temperature	0504_05	Patroon Bayou Branch arm	165	84	0	33.90	AD	FS	FS		No
2008	Temperature	0504_06	Tenaha Creek arm	20	9	0	33.90	LD	NC	NC		No
2008	Temperature	0504_07	Uppermost 5120 acres of reservoir	228	120	0	33.90	AD	FS	FS		No
2008	Temperature	0504_08	Negreet Bayou arm	59	38	0	33.90	AD	FS	FS		No
2008	Temperature	0504_09	San Miguel arm	105	75	1	33.90	AD	FS	FS		No
2008	Temperature	0504_10	San Patricia arm	52	39	0	33.90	AD	FS	FS		No
2008	Temperature	0504_11	Toledo Bend reservoir near Buzzard Bend	84	39	0	33.90	AD	FS	FS		No

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

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

**Segment ID: 0504 Toledo Bend Reservoir**

**Water body type:** Reservoir

**Water body size:** 181,600 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### Public Water Supply Use

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

2008	Multiple	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm						OE	NC	NC		No
2008	Multiple	0504_02	Six Mile Boat Lane arm						OE	NC	NC		No
2008	Multiple	0504_03	Sunshine Bay arm						OE	NC	NC		No
2008	Multiple	0504_04	Near SH 21						OE	NC	NC		No
2008	Multiple	0504_05	Patroon Bayou Branch arm						OE	NC	NC		No
2008	Multiple	0504_06	Tenaha Creek arm						OE	NC	NC		No
2008	Multiple	0504_07	Uppermost 5120 acres of reservoir						OE	NC	NC		No
2008	Multiple	0504_08	Negreet Bayou arm						OE	NC	NC		No
2008	Multiple	0504_09	San Miguel arm						OE	NC	NC		No
2008	Multiple	0504_10	San Patricia arm						OE	NC	NC		No
2008	Multiple	0504_11	Toledo Bend reservoir near Buzzard Bend						OE	NC	NC		No
2008	Multiple	0504_12	Remainder of reservoir						OE	NC	NC		No

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

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

**Segment ID: 0504 Toledo Bend Reservoir**

**Water body type:** Reservoir

**Water body size:** 181,600 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### Public Water Supply Use

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

2008	Multiple	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm						OE	FS	FS		No
2008	Multiple	0504_02	Six Mile Boat Lane arm						OE	FS	FS		No
2008	Multiple	0504_03	Sunshine Bay arm						OE	FS	FS		No
2008	Multiple	0504_04	Near SH 21						OE	FS	FS		No
2008	Multiple	0504_05	Patroon Bayou Branch arm						OE	FS	FS		No
2008	Multiple	0504_06	Tenaha Creek arm						OE	FS	FS		No
2008	Multiple	0504_07	Uppermost 5120 acres of reservoir						OE	FS	FS		No
2008	Multiple	0504_08	Negreet Bayou arm						OE	FS	FS		No
2008	Multiple	0504_09	San Miguel arm						OE	FS	FS		No
2008	Multiple	0504_10	San Patricia arm						OE	FS	FS		No
2008	Multiple	0504_11	Toledo Bend reservoir near Buzzard Bend						OE	FS	FS		No
2008	Multiple	0504_12	Remainder of reservoir						OE	FS	FS		No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Public Water Supply Use

##### Finished Drinking Water MCLs Concern

2008	Multiple	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm						OE	NC	NC		No
2008	Multiple	0504_02	Six Mile Boat Lane arm						OE	NC	NC		No
2008	Multiple	0504_03	Sunshine Bay arm						OE	NC	NC		No
2008	Multiple	0504_04	Near SH 21						OE	NC	NC		No
2008	Multiple	0504_05	Patroon Bayou Branch arm						OE	NC	NC		No
2008	Multiple	0504_06	Tenaha Creek arm						OE	NC	NC		No
2008	Multiple	0504_07	Uppermost 5120 acres of reservoir						OE	NC	NC		No
2008	Multiple	0504_08	Negreet Bayou arm						OE	NC	NC		No
2008	Multiple	0504_09	San Miguel arm						OE	NC	NC		No
2008	Multiple	0504_10	San Patricia arm						OE	NC	NC		No
2008	Multiple	0504_11	Toledo Bend reservoir near Buzzard Bend						OE	NC	NC		No
2008	Multiple	0504_12	Remainder of reservoir						OE	NC	NC		No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 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>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_02	Six Mile Boat Lane arm	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_03	Sunshine Bay arm	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_04	Near SH 21	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_05	Patroon Bayou Branch arm	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_06	Tenaha Creek arm	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_07	Uppermost 5120 acres of reservoir	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_08	Negreet Bayou arm	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_09	San Miguel arm	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_10	San Patricia arm	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_11	Toledo Bend reservoir near Buzzard Bend	501	501		4,000.00	AD	FS	FS		No
2006	Fluoride	0504_12	Remainder of reservoir	501	501		4,000.00	AD	FS	FS		No
2006	Multiple	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	32	32			AD	FS	FS		No
2006	Multiple	0504_02	Six Mile Boat Lane arm	32	32			AD	FS	FS		No
2006	Multiple	0504_03	Sunshine Bay arm	32	32			AD	FS	FS		No
2006	Multiple	0504_04	Near SH 21	32	32			AD	FS	FS		No
2006	Multiple	0504_05	Patroon Bayou Branch arm	32	32			AD	FS	FS		No
2006	Multiple	0504_06	Tenaha Creek arm	32	32			AD	FS	FS		No
2006	Multiple	0504_07	Uppermost 5120 acres of reservoir	32	32			AD	FS	FS		No
2006	Multiple	0504_08	Negreet Bayou arm	32	32			AD	FS	FS		No
2006	Multiple	0504_09	San Miguel arm	32	32			AD	FS	FS		No
2006	Multiple	0504_10	San Patricia arm	32	32			AD	FS	FS		No
2006	Multiple	0504_11	Toledo Bend reservoir near Buzzard Bend	32	32			AD	FS	FS		No
2006	Multiple	0504_12	Remainder of reservoir	32	32			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: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	48	48		1.00	126.00	AD	FS	FS	No
2006	E. coli	0504_02	Six Mile Boat Lane arm	37	37		2.00	126.00	AD	FS	FS	No
2006	E. coli	0504_03	Sunshine Bay arm	37	37		4.00	126.00	AD	FS	FS	No
2006	E. coli	0504_04	Near SH 21	37	37		1.00	126.00	AD	FS	FS	No
2006	E. coli	0504_05	Patroon Bayou Branch arm	37	37		6.00	126.00	AD	FS	FS	No
2006	E. coli	0504_07	Uppermost 5120 acres of reservoir	52	52		28.00	126.00	AD	FS	FS	No
2006	E. coli	0504_08	Negreet Bayou arm	15	15		1.00	126.00	TR	NA	NA	No
2006	E. coli	0504_09	San Miguel arm	30	30		7.00	126.00	AD	FS	FS	No
2006	E. coli	0504_10	San Patricia arm	16	16		27.00	126.00	TR	NA	NA	No
2006	E. coli	0504_11	Toledo Bend reservoir near Buzzard Bend	15	15		1.00	126.00	TR	NA	NA	No
2006	Fecal coliform	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	24	24		2.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0504_02	Six Mile Boat Lane arm	21	21		3.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0504_03	Sunshine Bay arm	21	21		3.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0504_04	Near SH 21	21	21		2.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0504_05	Patroon Bayou Branch arm	20	20		5.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0504_06	Tenaha Creek arm	9	9		111.00	200.00	LD	NC	NC	No
2006	Fecal coliform	0504_07	Uppermost 5120 acres of reservoir	21	21		81.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0504_09	San Miguel arm	21	21		18.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0504_10	San Patricia arm	21	21		28.00	200.00	AD	FS	FS	No

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

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

### Segment ID: 0504 Toledo Bend Reservoir

Water body type: Reservoir

Water body size: 181,600 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2006	E. coli	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	48	48	1	394.00	AD	FS	FS		No
2006	E. coli	0504_02	Six Mile Boat Lane arm	37	37	1	394.00	AD	FS	FS		No
2006	E. coli	0504_03	Sunshine Bay arm	37	37	2	394.00	AD	FS	FS		No
2006	E. coli	0504_04	Near SH 21	37	37	0	394.00	AD	FS	FS		No
2006	E. coli	0504_05	Patroon Bayou Branch arm	37	37	1	394.00	AD	FS	FS		No
2006	E. coli	0504_07	Uppermost 5120 acres of reservoir	52	52	4	394.00	AD	FS	FS		No
2006	E. coli	0504_08	Negreet Bayou arm	15	15	0	394.00	TR	NA	NA		No
2006	E. coli	0504_09	San Miguel arm	30	30	2	394.00	AD	FS	FS		No
2006	E. coli	0504_10	San Patricia arm	16	16	1	394.00	TR	NA	NA		No
2006	E. coli	0504_11	Toledo Bend reservoir near Buzzard Bend	15	15	0	394.00	TR	NA	NA		No
2006	Fecal coliform	0504_01	Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm	24	24	0	400.00	AD	FS	FS		No
2006	Fecal coliform	0504_02	Six Mile Boat Lane arm	21	21	0	400.00	AD	FS	FS		No
2006	Fecal coliform	0504_03	Sunshine Bay arm	21	21	0	400.00	AD	FS	FS		No
2006	Fecal coliform	0504_04	Near SH 21	21	21	0	400.00	AD	FS	FS		No
2006	Fecal coliform	0504_05	Patroon Bayou Branch arm	20	20	0	400.00	AD	FS	FS		No
2006	Fecal coliform	0504_06	Tenaha Creek arm	9	9	3	400.00	LD	NC	NC		No
2006	Fecal coliform	0504_07	Uppermost 5120 acres of reservoir	21	21	4	400.00	AD	FS	FS		No
2006	Fecal coliform	0504_09	San Miguel arm	21	21	1	400.00	AD	FS	FS		No
2006	Fecal coliform	0504_10	San Patricia arm	21	21	0	400.00	AD	FS	FS		No

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

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

### Segment ID: 0504C Palo Gaucho Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 24 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0504C_01	Entire segment	1	1	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0504C_01	Entire segment	12	0	0		ID	NA	NS	5c	Yes
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0504C_01	Entire segment	1	1			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0504C_01	Entire segment	15	15	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0504C_01	Entire segment	15	15	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Mercury	0504C_01	Entire segment	3	3	0		ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0504C_01	Entire segment	4	4	0	0.33	LD	NC	NC		No
2006	Nitrate	0504C_01	Entire segment	13	13	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	0504C_01	Entire segment	12	12	0	0.37	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0504C_01	Entire segment	10	10		95.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0504C_01	Entire segment	10	10	0	400.00	AD	FS	FS		No

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

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

### Segment ID: 0504D Tenaha 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>Acute Toxic Substances in water</b>												
2006	Multiple	0504D_01 Entire segment	2	2	0			ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0504D_01 Entire segment	2	2				ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0504D_01 Entire segment	24	24	1		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0504D_01 Entire segment	24	24	3		5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0504D_01 Entire segment	1	1	0			ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0504D_01 Entire segment	2	2				ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0504D_01 Entire segment	1	1	0		0.33	ID	NA	NA		No
2006	Nitrate	0504D_01 Entire segment	21	21	4		1.95	AD	NC	NC		No
2006	Orthophosphorus	0504D_01 Entire segment	20	20	14		0.37	AD	CS	CS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0504D_01 Entire segment	10	10		172.00	126.00	TR	NA	NA		No
2006	Fecal coliform	0504D_01 Entire segment	12	12		292.00	200.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0504D_01 Entire segment	10	10	3		394.00	TR	NA	NA		No
2006	Fecal coliform	0504D_01 Entire segment	12	12	4		400.00	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:** 0504E      **Clear Lake**

**Water body type:** Reservoir

**Water body size:** 15 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### Fish Consumption Use

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

2006	Restricted-Consumption	0504E_01	Oxbow lake 12 miles northwest of Logansport, LA					AD	NS	NS	5c	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: 0505 Sabine River Above Toledo Bend Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 104 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Cadmium	0505_02	32 mile reach near SH 59	34	34	0		AD	FS	FS		No
2006	Cadmium	0505_03	22 mile reach near SH 149	19	19	0		AD	FS	FS		No
2006	Cadmium	0505_04	10 mile reach near US 259	19	19	0		AD	FS	FS		No
2006	Cadmium	0505_05	Upper 20 miles	19	19	0		AD	FS	FS		No
2006	Lead	0505_02	32 mile reach near SH 59	21	21	0		AD	FS	FS		No
2006	Lead	0505_03	22 mile reach near SH 149	10	10	0		AD	FS	FS		No
2006	Lead	0505_04	10 mile reach near US 259	11	11	0		AD	FS	FS		No
2006	Lead	0505_05	Upper 20 miles	10	10	0		AD	FS	FS		No
2006	Multiple	0505_01	Lower 20 miles	4	4	0		LD	NC	NC		No
2006	Multiple	0505_02	32 mile reach near SH 59	4	4	0		LD	NC	NC		No
2006	Multiple	0505_03	22 mile reach near SH 149	4	4	0		LD	NC	NC		No
2006	Multiple	0505_04	10 mile reach near US 259	4	4	0		LD	NC	NC		No
2006	Multiple	0505_05	Upper 20 miles	4	4	0		LD	NC	NC		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0505_01	Lower 20 miles	7	0	0		ID	NA	NA		No

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

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

### Segment ID: 0505 Sabine River Above Toledo Bend Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Chronic Toxic Substances in water</b>												
2006	Cadmium	0505_02	32 mile reach near SH 59	34	34			AD	FS	FS		No
2006	Cadmium	0505_03	22 mile reach near SH 149	19	19			AD	FS	FS		No
2006	Cadmium	0505_04	10 mile reach near US 259	19	19			AD	FS	FS		No
2006	Cadmium	0505_05	Upper 20 miles	19	19			AD	FS	FS		No
2006	Lead	0505_02	32 mile reach near SH 59	21	21			AD	FS	FS		No
2006	Lead	0505_03	22 mile reach near SH 149	10	10			AD	FS	FS		No
2006	Lead	0505_04	10 mile reach near US 259	11	11			AD	FS	FS		No
2006	Lead	0505_05	Upper 20 miles	10	10			AD	FS	FS		No
2006	Multiple	0505_01	Lower 20 miles	4	4	0		LD	NC	NC		No
2006	Multiple	0505_02	32 mile reach near SH 59	4	4	0		LD	NC	NC		No
2006	Multiple	0505_03	22 mile reach near SH 149	4	4	0		LD	NC	NC		No
2006	Multiple	0505_04	10 mile reach near US 259	4	4	0		LD	NC	NC		No
2006	Multiple	0505_05	Upper 20 miles	4	4	0		LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0505_01	Lower 20 miles	60	60	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0505_02	32 mile reach near SH 59	60	60	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0505_03	22 mile reach near SH 149	60	60	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0505_04	10 mile reach near US 259	60	60	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0505_05	Upper 20 miles	60	60	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0505_01	Lower 20 miles	60	60	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0505_02	32 mile reach near SH 59	60	60	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0505_03	22 mile reach near SH 149	60	60	2	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0505_04	10 mile reach near US 259	60	60	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0505_05	Upper 20 miles	60	60	1	5.00	AD	NC	NC		No

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

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

### Segment ID: 0505 Sabine River Above Toledo Bend Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Multiple	0505_01	Lower 20 miles	12	12	0		AD	NC	NC		No
2006	Multiple	0505_02	32 mile reach near SH 59	12	12	0		AD	NC	NC		No
2006	Multiple	0505_03	22 mile reach near SH 149	12	12	0		AD	NC	NC		No
2006	Multiple	0505_04	10 mile reach near US 259	12	12	0		AD	NC	NC		No
2006	Multiple	0505_05	Upper 20 miles	12	12	0		AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0505_01	Lower 20 miles	20	20			AD	FS	FS		No
2006	Chromium	0505_02	32 mile reach near SH 59	20	20			AD	FS	FS		No
2006	Chromium	0505_03	22 mile reach near SH 149	20	20			AD	FS	FS		No
2006	Chromium	0505_04	10 mile reach near US 259	20	20			AD	FS	FS		No
2006	Chromium	0505_05	Upper 20 miles	20	20			AD	FS	FS		No
2006	Lead	0505_01	Lower 20 miles	54	54			AD	FS	FS		No
2006	Lead	0505_02	32 mile reach near SH 59	54	54			AD	FS	FS		No
2006	Lead	0505_03	22 mile reach near SH 149	54	54			AD	FS	FS		No
2006	Lead	0505_04	10 mile reach near US 259	54	54			AD	FS	FS		No
2006	Lead	0505_05	Upper 20 miles	54	54			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: 0505 Sabine River Above Toledo Bend Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0505_01	Lower 20 miles	415	415		43.73	175.00	AD	FS	FS	No
2008	Chloride	0505_02	32 mile reach near SH 59	415	415		43.73	175.00	AD	FS	FS	No
2008	Chloride	0505_03	22 mile reach near SH 149	415	415		43.73	175.00	AD	FS	FS	No
2008	Chloride	0505_04	10 mile reach near US 259	415	415		43.73	175.00	AD	FS	FS	No
2008	Chloride	0505_05	Upper 20 miles	415	415		43.73	175.00	AD	FS	FS	No
2008	Sulfate	0505_01	Lower 20 miles	415	415		34.49	100.00	AD	FS	FS	No
2008	Sulfate	0505_02	32 mile reach near SH 59	415	415		34.49	100.00	AD	FS	FS	No
2008	Sulfate	0505_03	22 mile reach near SH 149	415	415		34.49	100.00	AD	FS	FS	No
2008	Sulfate	0505_04	10 mile reach near US 259	415	415		34.49	100.00	AD	FS	FS	No
2008	Sulfate	0505_05	Upper 20 miles	415	415		34.49	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	0505_01	Lower 20 miles	431	431		204.78	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	0505_02	32 mile reach near SH 59	431	431		204.78	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	0505_03	22 mile reach near SH 149	431	431		204.78	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	0505_04	10 mile reach near US 259	431	431		204.78	400.00	AD	FS	FS	No
2008	Total Dissolved Solids	0505_05	Upper 20 miles	431	431		204.78	400.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0505_01	Lower 20 miles	84	84	1		8.50	AD	FS	FS	No
2008	pH	0505_02	32 mile reach near SH 59	86	86	2		8.50	AD	FS	FS	No
2008	pH	0505_03	22 mile reach near SH 149	85	85	0		8.50	AD	FS	FS	No
2008	pH	0505_04	10 mile reach near US 259	85	85	0		8.50	AD	FS	FS	No
2008	pH	0505_05	Upper 20 miles	85	85	0		8.50	AD	FS	FS	No

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

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

### Segment ID: 0505 Sabine River Above Toledo Bend Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Low pH</b>												
2008	pH	0505_01	Lower 20 miles	84	84	0	6.00	AD	FS	FS		No
2008	pH	0505_02	32 mile reach near SH 59	86	86	0	6.00	AD	FS	FS		No
2008	pH	0505_03	22 mile reach near SH 149	85	85	0	6.00	AD	FS	FS		No
2008	pH	0505_04	10 mile reach near US 259	85	85	0	6.00	AD	FS	FS		No
2008	pH	0505_05	Upper 20 miles	85	85	0	6.00	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0505_01	Lower 20 miles	7	7	0	0.33	LD	NC	NC		No
2006	Ammonia	0505_02	32 mile reach near SH 59	7	7	0	0.33	LD	NC	NC		No
2006	Ammonia	0505_03	22 mile reach near SH 149	7	7	1	0.33	LD	NC	NC		No
2006	Ammonia	0505_04	10 mile reach near US 259	6	6	0	0.33	LD	NC	NC		No
2006	Ammonia	0505_05	Upper 20 miles	7	7	0	0.33	LD	NC	NC		No
2006	Nitrate	0505_01	Lower 20 miles	54	54	0	1.95	AD	NC	NC		No
2006	Nitrate	0505_02	32 mile reach near SH 59	54	54	0	1.95	AD	NC	NC		No
2006	Nitrate	0505_03	22 mile reach near SH 149	54	54	4	1.95	AD	NC	NC		No
2006	Nitrate	0505_04	10 mile reach near US 259	54	54	0	1.95	AD	NC	NC		No
2006	Nitrate	0505_05	Upper 20 miles	54	54	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	0505_01	Lower 20 miles	50	50	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0505_02	32 mile reach near SH 59	50	50	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0505_03	22 mile reach near SH 149	50	50	1	0.37	AD	NC	NC		No
2006	Orthophosphorus	0505_04	10 mile reach near US 259	50	50	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0505_05	Upper 20 miles	50	50	0	0.37	AD	NC	NC		No

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

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

### Segment ID: 0505 Sabine River Above Toledo Bend Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 104 Miles

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

#### General Use

##### **Water Temperature**

2008	Temperature	0505_01	Lower 20 miles	84	84	0	33.90	AD	FS	FS	No	
2008	Temperature	0505_02	32 mile reach near SH 59	90	90	0	33.90	AD	FS	FS	No	
2008	Temperature	0505_03	22 mile reach near SH 149	84	84	0	33.90	AD	FS	FS	No	
2008	Temperature	0505_04	10 mile reach near US 259	84	84	0	33.90	AD	FS	FS	No	
2008	Temperature	0505_05	Upper 20 miles	84	84	0	33.90	AD	FS	FS	No	

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

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

### Segment ID: 0505 Sabine River Above Toledo Bend Reservoir

**Water body type:** Freshwater Stream

**Water body size:** 104 Miles

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

#### Public Water Supply Use

##### Finished Drinking Water Dissolved Solids average

2008	Multiple	0505_01	Lower 20 miles					OE	NC	NC		No
2008	Multiple	0505_02	32 mile reach near SH 59					OE	NC	NC		No
2008	Multiple	0505_03	22 mile reach near SH 149					OE	NC	NC		No
2008	Multiple	0505_04	10 mile reach near US 259					OE	NC	NC		No
2008	Multiple	0505_05	Upper 20 miles					OE	NC	NC		No

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

2008	Multiple	0505_01	Lower 20 miles					OE	FS	FS		No
2008	Multiple	0505_02	32 mile reach near SH 59					OE	FS	FS		No
2008	Multiple	0505_03	22 mile reach near SH 149					OE	FS	FS		No
2008	Multiple	0505_04	10 mile reach near US 259					OE	FS	FS		No
2008	Multiple	0505_05	Upper 20 miles					OE	FS	FS		No

##### Finished Drinking Water MCLs Concern

2008	Multiple	0505_01	Lower 20 miles					OE	NC	NC		No
2008	Multiple	0505_02	32 mile reach near SH 59					OE	NC	NC		No
2008	Multiple	0505_03	22 mile reach near SH 149					OE	NC	NC		No
2008	Multiple	0505_04	10 mile reach near US 259					OE	NC	NC		No
2008	Multiple	0505_05	Upper 20 miles					OE	NC	NC		No

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

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

### Segment ID: 0505 Sabine River Above Toledo Bend Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

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

#### Public Water Supply Use

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

2006	Cadmium	0505_01	Lower 20 miles	95	95		5.00	AD	FS	FS		No
2006	Cadmium	0505_02	32 mile reach near SH 59	95	95		5.00	AD	FS	FS		No
2006	Cadmium	0505_03	22 mile reach near SH 149	95	95		5.00	AD	FS	FS		No
2006	Cadmium	0505_04	10 mile reach near US 259	95	95		5.00	AD	FS	FS		No
2006	Cadmium	0505_05	Upper 20 miles	95	95		5.00	AD	FS	FS		No
2006	Fluoride	0505_01	Lower 20 miles	290	290		4,000.00	AD	FS	FS		No
2006	Fluoride	0505_02	32 mile reach near SH 59	290	290		4,000.00	AD	FS	FS		No
2006	Fluoride	0505_03	22 mile reach near SH 149	290	290		4,000.00	AD	FS	FS		No
2006	Fluoride	0505_04	10 mile reach near US 259	290	290		4,000.00	AD	FS	FS		No
2006	Fluoride	0505_05	Upper 20 miles	290	290		4,000.00	AD	FS	FS		No
2006	Lead	0505_01	Lower 20 miles	54	54		4.98	AD	FS	FS		No
2006	Lead	0505_02	32 mile reach near SH 59	54	54		4.98	AD	FS	FS		No
2006	Lead	0505_03	22 mile reach near SH 149	54	54		4.98	AD	FS	FS		No
2006	Lead	0505_04	10 mile reach near US 259	54	54		4.98	AD	FS	FS		No
2006	Lead	0505_05	Upper 20 miles	54	54		4.98	AD	FS	FS		No
2006	Multiple	0505_01	Lower 20 miles	20	20			AD	FS	FS		No
2006	Multiple	0505_02	32 mile reach near SH 59	20	20			AD	FS	FS		No
2006	Multiple	0505_03	22 mile reach near SH 149	20	20			AD	FS	FS		No
2006	Multiple	0505_04	10 mile reach near US 259	20	20			AD	FS	FS		No
2006	Multiple	0505_05	Upper 20 miles	20	20			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: 0505 Sabine River Above Toledo Bend Reservoir

Water body type: Freshwater Stream

Water body size: 104 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0505_01	Lower 20 miles	61	61	0	38.66	126.00	AD	FS	FS	No
2008	E. coli	0505_02	32 mile reach near SH 59	61	61	0	42.35	126.00	AD	FS	FS	No
2008	E. coli	0505_03	22 mile reach near SH 149	61	61	1	133.01	126.00	AD	NS	NS	5a No
2008	E. coli	0505_04	10 mile reach near US 259	61	61	0	64.49	126.00	AD	FS	FS	No
2008	E. coli	0505_05	Upper 20 miles	60	60	0	57.94	126.00	AD	FS	FS	No
2008	Fecal coliform	0505_01	Lower 20 miles	21	21	0	66.99	200.00	AD	FS	FS	No
2008	Fecal coliform	0505_02	32 mile reach near SH 59	21	21	0	71.64	200.00	AD	FS	FS	No
2008	Fecal coliform	0505_03	22 mile reach near SH 149	21	21	0	150.79	200.00	SM	NA	NA	No
2008	Fecal coliform	0505_04	10 mile reach near US 259	21	21	0	109.50	200.00	AD	FS	FS	No
2008	Fecal coliform	0505_05	Upper 20 miles	21	21	0	89.80	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0505_01	Lower 20 miles	61	61	7		394.00	AD	FS	FS	No
2008	E. coli	0505_02	32 mile reach near SH 59	61	61	8		394.00	AD	FS	FS	No
2008	E. coli	0505_03	22 mile reach near SH 149	61	61	16		394.00	AD	CN	CN	No
2008	E. coli	0505_04	10 mile reach near US 259	61	61	10		394.00	AD	FS	FS	No
2008	E. coli	0505_05	Upper 20 miles	60	60	7		394.00	AD	FS	FS	No
2008	Fecal coliform	0505_01	Lower 20 miles	21	21	3		400.00	AD	FS	FS	No
2008	Fecal coliform	0505_02	32 mile reach near SH 59	21	21	5		400.00	AD	FS	FS	No
2008	Fecal coliform	0505_03	22 mile reach near SH 149	21	21	7		400.00	SM	NA	NA	No
2008	Fecal coliform	0505_04	10 mile reach near US 259	21	21	6		400.00	AD	FS	FS	No
2008	Fecal coliform	0505_05	Upper 20 miles	21	21	3		400.00	AD	FS	FS	No

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

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

### Segment ID: 0505B Grace Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 14 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	0505B_02	Upper 12.3 miles	3	3	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0505B_02	Upper 12.3 miles	6	0	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0505B_02	Upper 12.3 miles	3	3			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0505B_02	Upper 12.3 miles	9	9	1	4.00	LD	NC	NC		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0505B_02	Upper 12.3 miles	9	9	2	3.00	LD	CN	CN		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0505B_02	Upper 12.3 miles	11	11	1	3.00	AD	FS	NS	5c	Yes
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0505B_02	Upper 12.3 miles	11	11	1	4.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Mercury	0505B_01	Lower 1.7 miles	3	3	0		ID	NA	NA		No
2006	Mercury	0505B_02	Upper 12.3 miles	3	3	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0505B_01	Lower 1.7 miles	3	3			ID	NA	NA		No
2006	Multiple	0505B_02	Upper 12.3 miles	3	3			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0505B_02	Upper 12.3 miles	13	13	2	0.33	TR	NA	NA		No
2006	Chlorophyll-a	0505B_02	Upper 12.3 miles	11	11	0	14.10	TR	NA	NA		No
2006	Nitrate	0505B_02	Upper 12.3 miles	15	15	0	1.95	TR	NA	NA		No
2006	Orthophosphorus	0505B_02	Upper 12.3 miles	10	10	0	0.37	TR	NA	NA		No
2006	Total Phosphorus	0505B_02	Upper 12.3 miles	11	11	0	0.69	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: 0505B Grace Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 14 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Recreation Use

##### **Bacteria Geomean**

2006	Fecal coliform	0505B_02	Upper 12.3 miles	4	4		1,672.00	200.00	LD	CN	CN	No
------	----------------	----------	------------------	---	---	--	----------	--------	----	----	----	----

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

2006	Fecal coliform	0505B_02	Upper 12.3 miles	4	4	4		400.00	LD	CN	NS	5c	Yes
------	----------------	----------	------------------	---	---	---	--	--------	----	----	----	----	-----

## 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: 0505C Hawkins Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 25 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	3	3	0		ID	NA	NA		No
2006	Multiple	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	2	2	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	3	0	0		ID	NA	NA		No
2006	Water Chronic Toxicity	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	2	0	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	3	3			ID	NA	NA		No
2006	Multiple	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	2	2			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	2	2	0	2.00	ID	NA	NA		No
2006	Dissolved Oxygen Grab	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	3	3	0	3.00	ID	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	2	2	0	3.00	ID	NA	NA		No
2006	Dissolved Oxygen Grab	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	3	3	0	5.00	ID	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	3	3	0		ID	NA	NA		No
2006	Multiple	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	2	2	0		ID	NA	NA		No

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

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

### Segment ID: 0505C Hawkins Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 25 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b><u>Fish Consumption Use</u></b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Chromium	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	3	3			ID	NA	NA		No
2006	Chromium	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	2	2			ID	NA	NA		No
<b><u>General Use</u></b>												
<b>Nutrient Screening Levels</b>												
2006	Nitrate	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	2	2	1	1.95	ID	NA	NA		No
2006	Nitrate	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	3	3	0	1.95	ID	NA	NA		No
2006	Orthophosphorus	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	2	2	0	0.37	ID	NA	NA		No
2006	Orthophosphorus	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	3	3	0	0.37	ID	NA	NA		No
<b><u>Recreation Use</u></b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	2	2		708.00	126.00	ID	NA	NA	No
2006	E. coli	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	3	3		1,271.00	126.00	ID	NA	NA	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0505C_01	Perennial stream from the confluence with the Sabine River upstream to FM 2605 in White Oak	2	2	2	394.00	ID	NA	NA		No
2006	E. coli	0505C_02	From FM 2605 upstream 1.3 km (0.8 mile)	3	3	3	394.00	ID	NA	NA		No

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

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

### Segment ID: 0505D Rabbit Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 26 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	3	3	0		ID	NA	NA		No
2006	Multiple	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	1	1	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	9	0	0		ID	NA	NA		No
2006	Water Chronic Toxicity	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	1	0	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	3	3			ID	NA	NA		No
2006	Multiple	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	1	1	0		ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	10	10	0	3.00	TR	NA	NA		No
2006	Dissolved Oxygen Grab	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	1	1	0	3.00	ID	NA	NA		No

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

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

### Segment ID: 0505D Rabbit Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 26 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	10	10	0	4.00	TR	NA	NA		No
2006	Dissolved Oxygen Grab	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	1	1	0	5.00	ID	NA	NA		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	3	3	0		ID	NA	NA		No
2006	Multiple	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	3	3	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	5	5			LD	NC	NC		No
2006	Multiple	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	5	5			LD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Nitrate	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	7	7	0	1.95	LD	NC	NC		No
2006	Orthophosphorus	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	7	7	0	0.37	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: 0505D Rabbit Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 26 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	6	6		444.00	126.00	JQ	CN	CN	No
2006	Fecal coliform	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	10	10		352.00	200.00	SM	NA	NA	No
2006	Fecal coliform	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	1	1		5.00	200.00	ID	NA	NA	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	6	6	4		394.00	JQ	CN	CN	No
2006	Fecal coliform	0505D_01	Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk	10	10	3		400.00	SM	NA	NA	No
2006	Fecal coliform	0505D_02	From the confluence with Little Rabbit Creek upstream to the headwaters west of Overton in Smith County	1	1	0		400.00	ID	NA	NA	No

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

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

### Segment ID: 0505E Brandy Branch Reservoir (unclassified water body)

Water body type: Reservoir

Water body size: 1,240 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Fish Consumption Use

##### Bioaccumulative Toxics in fish tissue

2006	Multiple	0505E_01	Entire reservoir	25	25			AD	NC	NC		No
------	----------	----------	------------------	----	----	--	--	----	----	----	--	----

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

2006	Risk Assess.- No Advisory	0505E_01	Entire reservoir					OE	FS	FS		No
------	---------------------------	----------	------------------	--	--	--	--	----	----	----	--	----

#### Public Water Supply Use

##### Finished Drinking Water Dissolved Solids average

2006	Multiple	0505E_01	Entire reservoir					OE	NC	NC		No
------	----------	----------	------------------	--	--	--	--	----	----	----	--	----

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

2006	Multiple	0505E_01	Entire reservoir					OE	FS	FS		No
------	----------	----------	------------------	--	--	--	--	----	----	----	--	----

##### Finished Drinking Water MCLs Concern

2006	Multiple	0505E_01	Entire reservoir					OE	NC	NC		No
------	----------	----------	------------------	--	--	--	--	----	----	----	--	----

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

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

### Segment ID: 0505F Martin Creek Reservoir (unclassified water body)

Water body type: Reservoir

Water body size: 5,020 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0505F_01 Entire reservoir	6	6	0		3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0505F_01 Entire reservoir	6	6	0		5.00	LD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>Bioaccumulative Toxics in fish tissue</b>												
2006	Multiple	0505F_01 Entire reservoir	29	29				AD	NC	NC		No
<b>DSHS Advisories, Closures, and Risk Assessments</b>												
2006	Risk Assess.- No Advisory	0505F_01 Entire reservoir						OE	FS	FS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0505F_01 Entire reservoir	4	4	0		0.11	LD	NC	NC		No
2006	Chlorophyll-a	0505F_01 Entire reservoir	7	7	0		26.70	LD	NC	NC		No
2006	Nitrate	0505F_01 Entire reservoir	7	7	0		0.37	LD	NC	NC		No
2006	Orthophosphorus	0505F_01 Entire reservoir	7	7	0		0.05	LD	NC	NC		No
2006	Total Phosphorus	0505F_01 Entire reservoir	4	4	0		0.20	LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0505F_01 Entire reservoir	2	2		0.00	126.00	ID	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0505F_01 Entire reservoir	2	2	0		394.00	ID	NA	NA		No

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

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

### Segment ID: 0505G Wards Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	10	6	6	4.00	AD	NS	NS	5c	No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	10	7	7	3.00	AD	NS	NS	5c	No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	12	12	5	3.00	SM	NS	NS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	12	12	8	4.00	SM	CS	CS		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: 0505G Wards Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	10	10	3	0.33	TR	NA	NA		No
2006	Chlorophyll-a	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	11	11	1	14.10	TR	NA	NA		No
2006	Nitrate	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	10	10	0	1.95	TR	NA	NA		No
2006	Orthophosphorus	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	6	6	0	0.37	TR	NA	NA		No
2006	Total Phosphorus	0505G_01	Wards Creek from the confluence with Sewell Creek upstream to the confluence with unnamed 2nd order stream	10	10	0	0.69	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:** 05050 Hills Lake

**Water body type:** Reservoir

**Water body size:** 40 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### Fish Consumption Use

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

2006	Restricted-Consumption	05050_01	Entire segment					AD	NS	NS	5c	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: 0506 Sabine River Below Lake Tawakoni

Water body type: Freshwater Stream

Water body size: 118 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	Cadmium	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	19	19	0		AD	FS	FS		No
2006	Lead	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	11	11	0		AD	FS	FS		No
2006	Multiple	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	4	4	0		LD	NC	NC		No
2006	Multiple	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	4	4	0		LD	NC	NC		No
2006	Multiple	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	4	4	0		LD	NC	NC		No
2006	Multiple	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	4	4	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Cadmium	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	19	19			AD	FS	FS		No
2006	Lead	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	11	11			AD	FS	FS		No
2006	Multiple	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	4	4	0		LD	NC	NC		No
2006	Multiple	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	4	4	0		LD	NC	NC		No
2006	Multiple	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	4	4	0		LD	NC	NC		No
2006	Multiple	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	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: 0506 Sabine River Below Lake Tawakoni

Water body type: Freshwater Stream

Water body size: 118 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	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	60	60	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	60	60	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	60	60	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	51	51	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	60	60	1	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	60	60	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	60	60	0	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	51	51	2	5.00	AD	NC	NC		No

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

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

### Segment ID: 0506 Sabine River Below Lake Tawakoni

Water body type: Freshwater Stream

Water body size: 118 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	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	10	10	0		AD	NC	NC		No
2006	Multiple	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	10	10	0		AD	NC	NC		No
2006	Multiple	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	10	10	0		AD	NC	NC		No
2006	Multiple	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	10	10	0		AD	NC	NC		No
2006	Multiple	0506_05	From SH 19 upstream to Iron Bridge dam	10	10	0		AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	23	23			AD	FS	FS		No
2006	Multiple	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	23	23			AD	FS	FS		No
2006	Multiple	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	23	23			AD	FS	FS		No
2006	Multiple	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	23	23			AD	FS	FS		No
2006	Multiple	0506_05	From SH 19 upstream to Iron Bridge dam	23	23			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: 0506 Sabine River Below Lake Tawakoni**

**Water body type:** Freshwater Stream

**Water body size:** 118 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

General Use

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

**2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) identifiers:** FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; 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: 0506 Sabine River Below Lake Tawakoni

**Water body type:** Freshwater Stream

**Water body size:** 118 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	361	361		37.08	200.00	AD	FS	FS	No
2008	Chloride	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	361	361		37.08	200.00	AD	FS	FS	No
2008	Chloride	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	361	361		37.08	200.00	AD	FS	FS	No
2008	Chloride	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	361	361		37.08	200.00	AD	FS	FS	No
2008	Chloride	0506_05	From SH 19 upstream to Iron Bridge dam	361	361		37.08	200.00	AD	FS	FS	No
2008	Sulfate	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	358	358		29.62	100.00	AD	FS	FS	No
2008	Sulfate	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	358	358		29.62	100.00	AD	FS	FS	No
2008	Sulfate	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	358	358		29.62	100.00	AD	FS	FS	No
2008	Sulfate	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	358	358		29.62	100.00	AD	FS	FS	No
2008	Sulfate	0506_05	From SH 19 upstream to Iron Bridge dam	358	358		29.62	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	372	372		190.64	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	372	372		190.64	500.00	AD	FS	FS	No

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

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

### Segment ID: 0506 Sabine River Below Lake Tawakoni

Water body type: Freshwater Stream

Water body size: 118 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Total Dissolved Solids	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	372	372		190.64	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	372	372		190.64	500.00	AD	FS	FS	No
2008	Total Dissolved Solids	0506_05	From SH 19 upstream to Iron Bridge dam	372	372		190.64	500.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	85	85	0		8.50	AD	FS	FS	No
2008	pH	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	84	84	0		8.50	AD	FS	FS	No
2008	pH	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	84	84	0		8.50	AD	FS	FS	No
2008	pH	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	75	75	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	85	85	0		6.00	AD	FS	FS	No
2008	pH	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	84	84	0		6.00	AD	FS	FS	No
2008	pH	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	84	84	0		6.00	AD	FS	FS	No
2008	pH	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	75	75	0		6.00	AD	FS	FS	No

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

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

### Segment ID: 0506 Sabine River Below Lake Tawakoni

**Water body type:** Freshwater Stream

**Water body size:** 118 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	6	6	0	0.33	LD	NC	NC		No
2006	Ammonia	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	7	7	0	0.33	LD	NC	NC		No
2006	Ammonia	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	7	7	0	0.33	LD	NC	NC		No
2006	Ammonia	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	1	1	0	0.33	ID	NA	NA		No
2006	Chlorophyll-a	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	2	2	0	14.10	ID	NA	NA		No
2006	Nitrate	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	53	53	0	1.95	AD	NC	NC		No
2006	Nitrate	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	55	55	0	1.95	AD	NC	NC		No
2006	Nitrate	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	55	55	0	1.95	AD	NC	NC		No
2006	Nitrate	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	48	48	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	49	49	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	50	50	0	0.37	AD	NC	NC		No

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

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

### Segment ID: 0506 Sabine River Below Lake Tawakoni

**Water body type:** Freshwater Stream

**Water body size:** 118 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Orthophosphorus	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	50	50	0	0.37	AD	NC	NC		No
2006	Orthophosphorus	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	44	44	1	0.37	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	89	89	0	32.20	AD	FS	FS		No
2008	Temperature	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	84	84	1	32.20	AD	FS	FS		No
2008	Temperature	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	88	88	0	32.20	AD	FS	FS		No
2008	Temperature	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	75	75	0	32.20	AD	FS	FS		No
2008	Temperature	0506_05	From SH 19 upstream to Iron Bridge dam	1	1	0	32.20	ID	NA	NA		No

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

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

### Segment ID: 0506 Sabine River Below Lake Tawakoni

Water body type: Freshwater Stream

Water body size: 118 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Public Water Supply Use

##### Finished Drinking Water Dissolved Solids average

2008	Multiple	0506_01	From US 271 upstream to the confluence with Big Sandy Creek						OE	NC	NC		No
2008	Multiple	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek						OE	NC	NC		No
2008	Multiple	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek						OE	NC	NC		No
2008	Multiple	0506_04	From the confluence with Grand Saline Creek upstream to SH 19						OE	NC	NC		No
2008	Multiple	0506_05	From SH 19 upstream to Iron Bridge dam						OE	NC	NC		No

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

2008	Multiple	0506_01	From US 271 upstream to the confluence with Big Sandy Creek						OE	FS	FS		No
2008	Multiple	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek						OE	FS	FS		No
2008	Multiple	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek						OE	FS	FS		No
2008	Multiple	0506_04	From the confluence with Grand Saline Creek upstream to SH 19						OE	FS	FS		No
2008	Multiple	0506_05	From SH 19 upstream to Iron Bridge dam						OE	FS	FS		No

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

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

### Segment ID: 0506 Sabine River Below Lake Tawakoni

**Water body type:** Freshwater Stream

**Water body size:** 118 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Public Water Supply Use

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

2008	Multiple	0506_01	From US 271 upstream to the confluence with Big Sandy Creek						OE	NC	NC		No
2008	Multiple	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek						OE	NC	NC		No
2008	Multiple	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek						OE	NC	NC		No
2008	Multiple	0506_04	From the confluence with Grand Saline Creek upstream to SH 19						OE	NC	NC		No
2008	Multiple	0506_05	From SH 19 upstream to Iron Bridge dam						OE	NC	NC		No

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

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

### Segment ID: 0506 Sabine River Below Lake Tawakoni

**Water body type:** Freshwater Stream

**Water body size:** 118 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Public Water Supply Use</b>												
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	225	225		4,000.00	AD	FS	FS		No
2006	Fluoride	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	225	225		4,000.00	AD	FS	FS		No
2006	Fluoride	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	225	225		4,000.00	AD	FS	FS		No
2006	Fluoride	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	225	225		4,000.00	AD	FS	FS		No
2006	Fluoride	0506_05	From SH 19 upstream to Iron Bridge dam	225	225		4,000.00	AD	FS	FS		No
2006	Multiple	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	31	31			AD	FS	FS		No
2006	Multiple	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	31	31			AD	FS	FS		No
2006	Multiple	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	31	31			AD	FS	FS		No
2006	Multiple	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	31	31			AD	FS	FS		No
2006	Multiple	0506_05	From SH 19 upstream to Iron Bridge dam	31	31			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: 0506 Sabine River Below Lake Tawakoni

Water body type: Freshwater Stream

Water body size: 118 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	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	60	60	0	72.11	126.00	AD	FS	FS	No
2008	E. coli	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	60	60	0	68.66	126.00	AD	FS	FS	No
2008	E. coli	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	60	60	0	71.06	126.00	AD	FS	FS	No
2008	E. coli	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	60	60	0	98.91	126.00	AD	FS	FS	No
2008	Fecal coliform	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	21	21	0	96.66	200.00	AD	FS	FS	No
2008	Fecal coliform	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	21	21	0	58.77	200.00	AD	FS	FS	No
2008	Fecal coliform	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	21	21	0	80.66	200.00	AD	FS	FS	No
2008	Fecal coliform	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	12	12	0	123.33	200.00	AD	FS	FS	No

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

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

### Segment ID: 0506 Sabine River Below Lake Tawakoni

Water body type: Freshwater Stream

Water body size: 118 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	60	60	7	394.00	AD	FS	FS		No
2008	E. coli	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	60	60	7	394.00	AD	FS	FS		No
2008	E. coli	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	60	60	6	394.00	AD	FS	FS		No
2008	E. coli	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	60	60	10	394.00	AD	FS	FS		No
2008	Fecal coliform	0506_01	From US 271 upstream to the confluence with Big Sandy Creek	21	21	5	400.00	AD	FS	FS		No
2008	Fecal coliform	0506_02	From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek	21	21	2	400.00	AD	FS	FS		No
2008	Fecal coliform	0506_03	From the confluence with Lake Fork Creek upstream to the confluence with Grand Saline Creek	21	21	3	400.00	AD	FS	FS		No
2008	Fecal coliform	0506_04	From the confluence with Grand Saline Creek upstream to SH 19	12	12	4	400.00	AD	FS	FS		No

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

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

### Segment ID: 0506A Harris Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 21 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0506A_01	Entire segment	2	2	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0506A_01	Entire segment	9	0	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0506A_01	Entire segment	2	2			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0506A_01	Entire segment	31	31	2	3.00	AD	FS	NS	5b	Yes
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0506A_01	Entire segment	31	31	5	5.00	AD	CS	CS		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0506A_01	Entire segment	1	1	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0506A_01	Entire segment	2	2			ID	NA	NA		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0506A_01	Entire segment	6	6	0	0.33	LD	NC	NC		No
2006	Nitrate	0506A_01	Entire segment	26	26	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	0506A_01	Entire segment	24	24	0	0.37	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0506A_01	Entire segment	8	8		352.00	JQ	CN	CN		No
2006	Fecal coliform	0506A_01	Entire segment	21	21		100.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0506A_01	Entire segment	8	8	4	394.00	JQ	CN	CN		No
2006	Fecal coliform	0506A_01	Entire segment	21	21	5	400.00	SM	FS	FS		No

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

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

### Segment ID: 0506C Wiggins 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>Acute Toxic Substances in water</b>												
2006	Multiple	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	2	2	0		ID	NA	NA		No
2006	Multiple	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	1	1	0		ID	NA	NA		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	16	0	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	2	2			ID	NA	NA		No
2006	Multiple	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	1	1			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	23	23	3	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	11	11	2	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	23	23	3	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	11	11	3	5.00	AD	CS	CS		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: 0506C Wiggins Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 6 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b><u>Aquatic Life Use</u></b>												
<b>Toxic Substances in sediment</b>												
2006	Mercury	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	10	10	1		AD	NC	NC		No
2006	Mercury	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	10	10	1		AD	NC	NC		No
2006	Multiple	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	1	1	0		ID	NA	NA		No
2006	Multiple	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	1	1	0		ID	NA	NA		No
<b><u>Fish Consumption Use</u></b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	3	3			ID	NA	NA		No
2006	Multiple	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	3	3			ID	NA	NA		No

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

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

### Segment ID: 0506C Wiggins Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 6 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	5	5	3	0.33	LD	CS	CS		No
2006	Ammonia	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	4	4	1	0.33	LD	NC	NC		No
2006	Nitrate	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	19	19	1	1.95	AD	NC	NC		No
2006	Nitrate	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	7	7	0	1.95	LD	NC	NC		No
2006	Orthophosphorus	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	16	16	7	0.37	AD	CS	CS		No
2006	Orthophosphorus	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	5	5	0	0.37	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: 0506C Wiggins 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>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	6	6		434.00	126.00	JQ	CN	CN	No
2006	Fecal coliform	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	15	15		188.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	11	11		104.00	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	6	6	3		394.00	LD	CN	CN	No
2006	Fecal coliform	0506C_01	Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP	15	15	3		400.00	AD	FS	FS	No
2006	Fecal coliform	0506C_02	From Smith County WWTP upstream to dam impounding unnamed reservoir	11	11	1		400.00	AD	FS	FS	No

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

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

### Segment ID: 0506G Little White Oak Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 12 Miles

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

#### Aquatic Life Use

##### **Chronic Ambient Toxicity tests in water**

2006	Water Chronic Toxicity	0506G_01	Entire water body	0	0	0		ID	NA	NS	5c	Yes
------	------------------------	----------	-------------------	---	---	---	--	----	----	----	----	-----

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

2006	Dissolved Oxygen Grab	0506G_01	Entire water body	0	0			ID	NA	CN		Yes
------	-----------------------	----------	-------------------	---	---	--	--	----	----	----	--	-----

#### Recreation Use

##### **Bacteria Geomean**

2006	Fecal coliform	0506G_01	Entire water body	0	0			ID	NA	CN		Yes
------	----------------	----------	-------------------	---	---	--	--	----	----	----	--	-----

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

2006	Fecal coliform	0506G_01	Entire water body	0	0			ID	NA	CN		Yes
------	----------------	----------	-------------------	---	---	--	--	----	----	----	--	-----

## 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: 0506H Lake Gladewater (unclassified water body)

Water body type: Reservoir

Water body size: 800 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0506H_01 Entire segment	21	21	0		3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0506H_01 Entire segment	21	21	0		5.00	AD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0506H_01 Entire segment	20	20	1		0.11	AD	NC	NC		No
2006	Chlorophyll-a	0506H_01 Entire segment	17	17	1		26.70	AD	NC	NC		No
2006	Nitrate	0506H_01 Entire segment	20	20	0		0.37	AD	NC	NC		No
2006	Orthophosphorus	0506H_01 Entire segment	18	18	1		0.05	AD	NC	NC		No
2006	Total Phosphorus	0506H_01 Entire segment	20	20	0		0.20	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0506H_01 Entire segment	33	33	0	8.18	126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2008	E. coli	0506H_01 Entire segment	33	33	1		394.00	AD	FS	FS		No

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

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

**Segment ID: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 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	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	12	12	0		AD	FS	FS		No
2006	Multiple	0507_02	Kitsee Inlet	4	4	0		LD	NC	NC		No
2006	Multiple	0507_04	Cowleech Fork of Sabine River arm	12	12	0		AD	FS	FS		No
2006	Multiple	0507_05	5120 acres near SH 276	8	8	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	12	12			AD	FS	FS		No
2006	Multiple	0507_02	Kitsee Inlet	4	4	0		LD	NC	NC		No
2006	Multiple	0507_04	Cowleech Fork of Sabine River arm	12	12			AD	FS	FS		No
2006	Multiple	0507_05	5120 acres near SH 276	8	8			LD	NC	NC		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	8	8	0	5.00	JQ	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	8	8	0	3.00	JQ	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	294	145	2	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0507_02	Kitsee Inlet	198	84	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0507_04	Cowleech Fork of Sabine River arm	238	144	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0507_05	5120 acres near SH 276	60	60	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0507_06	5120 acres near Spring Point	61	61	0	3.00	AD	FS	FS		No

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

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

**Segment ID: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 Acres

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	294	145	10	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0507_02	Kitsee Inlet	198	84	6	5.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0507_03	South Fork of Sabine River cove	0	0	0	5.00	ID	NA	CS		Yes
2008	Dissolved Oxygen Grab	0507_04	Cowleech Fork of Sabine River arm	238	144	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0507_05	5120 acres near SH 276	60	60	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0507_06	5120 acres near Spring Point	61	61	2	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	14	14	0		AD	NC	NC		No
2006	Multiple	0507_02	Kitsee Inlet	14	14	0		AD	NC	NC		No
2006	Multiple	0507_03	South Fork of Sabine River cove	14	14	0		AD	NC	NC		No
2006	Multiple	0507_04	Cowleech Fork of Sabine River arm	14	14	0		AD	NC	NC		No
2006	Multiple	0507_05	5120 acres near SH 276	14	14	0		AD	NC	NC		No
2006	Multiple	0507_06	5120 acres near Spring Point	14	14	0		AD	NC	NC		No
2006	Multiple	0507_07	Remainder of reservoir	14	14	0		AD	NC	NC		No

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

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

**Segment ID: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### Fish Consumption Use

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

2008	Risk Assess.- No Advisory	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0507_02	Kitsee Inlet					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0507_03	South Fork of Sabine River cove					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0507_04	Cowleech Fork of Sabine River arm					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0507_05	5120 acres near SH 276					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0507_06	5120 acres near Spring Point					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0507_07	Remainder of reservoir					OE	FS	FS		No

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

2006	Multiple	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	44	44			AD	FS	FS		No
2006	Multiple	0507_02	Kitsee Inlet	44	44			AD	FS	FS		No
2006	Multiple	0507_03	South Fork of Sabine River cove	44	44			AD	FS	FS		No
2006	Multiple	0507_04	Cowleech Fork of Sabine River arm	44	44			AD	FS	FS		No
2006	Multiple	0507_05	5120 acres near SH 276	44	44			AD	FS	FS		No
2006	Multiple	0507_06	5120 acres near Spring Point	44	44			AD	FS	FS		No
2006	Multiple	0507_07	Remainder of reservoir	44	44			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: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 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	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	341	341	7.75	50.00	AD	FS	FS		No
2008	Chloride	0507_02	Kitsee Inlet	341	341	7.75	50.00	AD	FS	FS		No
2008	Chloride	0507_03	South Fork of Sabine River cove	341	341	7.75	50.00	AD	FS	FS		No
2008	Chloride	0507_04	Cowleech Fork of Sabine River arm	341	341	7.75	50.00	AD	FS	FS		No
2008	Chloride	0507_05	5120 acres near SH 276	341	341	7.75	50.00	AD	FS	FS		No
2008	Chloride	0507_06	5120 acres near Spring Point	341	341	7.75	50.00	AD	FS	FS		No
2008	Chloride	0507_07	Remainder of reservoir	341	341	7.75	50.00	AD	FS	FS		No
2008	Sulfate	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	249	249	10.35	50.00	AD	FS	FS		No
2008	Sulfate	0507_02	Kitsee Inlet	249	249	10.35	50.00	AD	FS	FS		No
2008	Sulfate	0507_03	South Fork of Sabine River cove	249	249	10.35	50.00	AD	FS	FS		No
2008	Sulfate	0507_04	Cowleech Fork of Sabine River arm	249	249	10.35	50.00	AD	FS	FS		No
2008	Sulfate	0507_05	5120 acres near SH 276	249	249	10.35	50.00	AD	FS	FS		No
2008	Sulfate	0507_06	5120 acres near Spring Point	249	249	10.35	50.00	AD	FS	FS		No
2008	Sulfate	0507_07	Remainder of reservoir	249	249	10.35	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	500	500	113.02	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0507_02	Kitsee Inlet	500	500	113.02	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0507_03	South Fork of Sabine River cove	500	500	113.02	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0507_04	Cowleech Fork of Sabine River arm	500	500	113.02	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0507_05	5120 acres near SH 276	500	500	113.02	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0507_06	5120 acres near Spring Point	500	500	113.02	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0507_07	Remainder of reservoir	500	500	113.02	200.00	AD	FS	FS		No

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

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

**Segment ID: 0507 Lake Tawakoni**

Water body type: Reservoir

Water body size: 37,879 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>High pH</b>												
2008	pH	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	294	145	2	9.00	AD	FS	FS		No
2008	pH	0507_02	Kitsee Inlet	198	84	4	9.00	AD	FS	FS		No
2008	pH	0507_04	Cowleech Fork of Sabine River arm	238	144	18	9.00	AD	NS	NS	5c	No
2008	pH	0507_05	5120 acres near SH 276	60	60	2	9.00	AD	FS	FS		No
2008	pH	0507_06	5120 acres near Spring Point	61	61	1	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	294	145	0	6.00	AD	FS	FS		No
2008	pH	0507_02	Kitsee Inlet	198	84	0	6.00	AD	FS	FS		No
2008	pH	0507_04	Cowleech Fork of Sabine River arm	238	144	0	6.00	AD	FS	FS		No
2008	pH	0507_05	5120 acres near SH 276	60	60	0	6.00	AD	FS	FS		No
2008	pH	0507_06	5120 acres near Spring Point	61	61	0	6.00	AD	FS	FS		No

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

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

**Segment ID: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 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	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	23	23	2	0.11	AD	NC	NC		No
2008	Ammonia	0507_02	Kitsee Inlet	7	7	0	0.11	LD	NC	NC		No
2008	Ammonia	0507_04	Cowleech Fork of Sabine River arm	23	23	1	0.11	AD	NC	NC		No
2008	Ammonia	0507_05	5120 acres near SH 276	16	16	0	0.11	AD	NC	NC		No
2008	Ammonia	0507_06	5120 acres near Spring Point	16	16	1	0.11	AD	NC	NC		No
2008	Chlorophyll-a	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	56	56	30	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0507_02	Kitsee Inlet	30	30	22	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0507_04	Cowleech Fork of Sabine River arm	40	40	22	26.70	AD	CS	CS		No
2008	Chlorophyll-a	0507_05	5120 acres near SH 276	9	9	4	26.70	LD	CS	CS		No
2008	Chlorophyll-a	0507_06	5120 acres near Spring Point	9	9	5	26.70	LD	CS	CS		No
2008	Nitrate	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	97	97	8	0.37	AD	NC	NC		No
2008	Nitrate	0507_02	Kitsee Inlet	79	79	8	0.37	AD	NC	NC		No
2008	Nitrate	0507_04	Cowleech Fork of Sabine River arm	94	94	2	0.37	AD	NC	NC		No
2008	Nitrate	0507_05	5120 acres near SH 276	15	15	1	0.37	AD	NC	NC		No
2008	Nitrate	0507_06	5120 acres near Spring Point	15	15	2	0.37	AD	NC	NC		No
2008	Orthophosphorus	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	92	92	6	0.05	AD	NC	NC		No
2008	Orthophosphorus	0507_02	Kitsee Inlet	73	73	25	0.05	AD	CS	CS		No
2008	Orthophosphorus	0507_04	Cowleech Fork of Sabine River arm	89	89	7	0.05	AD	NC	NC		No
2008	Orthophosphorus	0507_05	5120 acres near SH 276	16	16	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	0507_06	5120 acres near Spring Point	16	16	1	0.05	AD	NC	NC		No
2008	Total Phosphorus	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	14	14	1	0.20	AD	NC	NC		No
2008	Total Phosphorus	0507_04	Cowleech Fork of Sabine River arm	14	14	0	0.20	AD	NC	NC		No

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

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

**Segment ID: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### General Use

#### **Nutrient Screening Levels**

2008	Total Phosphorus	0507_05	5120 acres near SH 276	14	14	0	0.20	AD	NC	NC		No
2008	Total Phosphorus	0507_06	5120 acres near Spring Point	14	14	0	0.20	AD	NC	NC		No

#### **Water Temperature**

2008	Temperature	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	294	145	0	33.90	AD	FS	FS		No
2008	Temperature	0507_02	Kitsee Inlet	198	84	0	33.90	AD	FS	FS		No
2008	Temperature	0507_04	Cowleech Fork of Sabine River arm	238	144	0	33.90	AD	FS	FS		No
2008	Temperature	0507_05	5120 acres near SH 276	60	60	0	33.90	AD	FS	FS		No
2008	Temperature	0507_06	5120 acres near Spring Point	61	61	0	33.90	AD	FS	FS		No

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

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

**Segment ID: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

2008	Multiple	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam						OE	NC	NC		No
2008	Multiple	0507_02	Kitsee Inlet						OE	NC	NC		No
2008	Multiple	0507_03	South Fork of Sabine River cove						OE	NC	NC		No
2008	Multiple	0507_04	Cowleech Fork of Sabine River arm						OE	NC	NC		No
2008	Multiple	0507_05	5120 acres near SH 276						OE	NC	NC		No
2008	Multiple	0507_06	5120 acres near Spring Point						OE	NC	NC		No
2008	Multiple	0507_07	Remainder of reservoir						OE	NC	NC		No

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

2008	Multiple	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam						OE	FS	FS		No
2008	Multiple	0507_02	Kitsee Inlet						OE	FS	FS		No
2008	Multiple	0507_03	South Fork of Sabine River cove						OE	FS	FS		No
2008	Multiple	0507_04	Cowleech Fork of Sabine River arm						OE	FS	FS		No
2008	Multiple	0507_05	5120 acres near SH 276						OE	FS	FS		No
2008	Multiple	0507_06	5120 acres near Spring Point						OE	FS	FS		No
2008	Multiple	0507_07	Remainder of reservoir						OE	FS	FS		No

#### Finished Drinking Water MCLs Concern

2008	Multiple	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam						OE	NC	NC		No
2008	Multiple	0507_02	Kitsee Inlet						OE	NC	NC		No
2008	Multiple	0507_03	South Fork of Sabine River cove						OE	NC	NC		No
2008	Multiple	0507_04	Cowleech Fork of Sabine River arm						OE	NC	NC		No
2008	Multiple	0507_05	5120 acres near SH 276						OE	NC	NC		No
2008	Multiple	0507_06	5120 acres near Spring Point						OE	NC	NC		No
2008	Multiple	0507_07	Remainder of reservoir						OE	NC	NC		No

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

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

**Segment ID: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

### Public Water Supply Use

#### Surface Water HH criteria for PWS average

2006	Fluoride	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	176	176		4,000.00	AD	FS	FS		No
2006	Fluoride	0507_02	Kitsee Inlet	176	176		4,000.00	AD	FS	FS		No
2006	Fluoride	0507_03	South Fork of Sabine River cove	176	176		4,000.00	AD	FS	FS		No
2006	Fluoride	0507_04	Cowleech Fork of Sabine River arm	176	176		4,000.00	AD	FS	FS		No
2006	Fluoride	0507_05	5120 acres near SH 276	176	176		4,000.00	AD	FS	FS		No
2006	Fluoride	0507_06	5120 acres near Spring Point	176	176		4,000.00	AD	FS	FS		No
2006	Fluoride	0507_07	Remainder of reservoir	176	176		4,000.00	AD	FS	FS		No
2006	Multiple	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	44	44			AD	FS	FS		No
2006	Multiple	0507_02	Kitsee Inlet	44	44			AD	FS	FS		No
2006	Multiple	0507_03	South Fork of Sabine River cove	44	44			AD	FS	FS		No
2006	Multiple	0507_04	Cowleech Fork of Sabine River arm	44	44			AD	FS	FS		No
2006	Multiple	0507_05	5120 acres near SH 276	44	44			AD	FS	FS		No
2006	Multiple	0507_06	5120 acres near Spring Point	44	44			AD	FS	FS		No
2006	Multiple	0507_07	Remainder of reservoir	44	44			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: 0507 Lake Tawakoni**

**Water body type:** Reservoir

**Water body size:** 37,879 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	60	60	0	1.89	126.00	AD	FS	FS	No
2008	E. coli	0507_02	Kitsee Inlet	60	60	0	2.62	126.00	AD	FS	FS	No
2008	E. coli	0507_04	Cowleech Fork of Sabine River arm	60	60	0	2.87	126.00	AD	FS	FS	No
2008	Fecal coliform	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	21	21	0	2.26	200.00	AD	FS	FS	No
2008	Fecal coliform	0507_02	Kitsee Inlet	21	21	0	7.94	200.00	AD	FS	FS	No
2006	Fecal coliform	0507_03	South Fork of Sabine River cove	0	0			200.00	ID	NA	CN	Yes
2008	Fecal coliform	0507_04	Cowleech Fork of Sabine River arm	21	21	0	5.55	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	60	60	0		394.00	AD	FS	FS	No
2008	E. coli	0507_02	Kitsee Inlet	60	60	0		394.00	AD	FS	FS	No
2008	E. coli	0507_04	Cowleech Fork of Sabine River arm	60	60	0		394.00	AD	FS	FS	No
2008	Fecal coliform	0507_01	Lowermost 5,120 acres of reservoir, adjacent to dam	21	21	0		400.00	AD	FS	FS	No
2008	Fecal coliform	0507_02	Kitsee Inlet	21	21	0		400.00	AD	FS	FS	No
2006	Fecal coliform	0507_03	South Fork of Sabine River cove	0	0	0		400.00	ID	NA	CN	Yes
2008	Fecal coliform	0507_04	Cowleech Fork of Sabine River arm	21	21	1		400.00	AD	FS	FS	No

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

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

### Segment ID: 0507A Cowleech Fork Sabine River (unclassified water body)

Water body type: Freshwater Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0507A_01	Lower 10 miles, downstream of Long Branch confluence	56	56	24		AD	FS	FS		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0507A_01	Lower 10 miles, downstream of Long Branch confluence	16	16			AD	FS	FS		No
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0507A_02	Upper 20 miles, upstream of Long Branch confluence	11	11	1	2.00	AD	FS	FS		No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0507A_02	Upper 20 miles, upstream of Long Branch confluence	11	11	1	1.50	AD	FS	FS		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0507A_01	Lower 10 miles, downstream of Long Branch confluence	56	56	2	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0507A_02	Upper 20 miles, upstream of Long Branch confluence	27	27	2	1.50	SM	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0507A_01	Lower 10 miles, downstream of Long Branch confluence	56	56	24	5.00	AD	CS	CS		No
2006	Dissolved Oxygen Grab	0507A_02	Upper 20 miles, upstream of Long Branch confluence	27	27	2	2.00	SM	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0507A_01	Lower 10 miles, downstream of Long Branch confluence	8	8			LD	NC	NC		No
2006	Multiple	0507A_02	Upper 20 miles, upstream of Long Branch confluence	8	8			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: 0507A Cowleech Fork Sabine River (unclassified water body)

Water body type: Freshwater Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0507A_01	Lower 10 miles, downstream of Long Branch confluence	9	9	1	0.33	TR	NA	NA		No
2006	Ammonia	0507A_02	Upper 20 miles, upstream of Long Branch confluence	23	23	2	0.33	TR	NA	NA		No
2006	Chlorophyll-a	0507A_02	Upper 20 miles, upstream of Long Branch confluence	22	22	6	14.10	TR	NA	NA		No
2006	Nitrate	0507A_01	Lower 10 miles, downstream of Long Branch confluence	9	9	4	1.95	TR	NA	CS		Yes
2006	Nitrate	0507A_02	Upper 20 miles, upstream of Long Branch confluence	21	21	2	1.95	TR	NA	NA		No
2006	Orthophosphorus	0507A_01	Lower 10 miles, downstream of Long Branch confluence	9	9	3	0.37	TR	NA	CS		Yes
2006	Orthophosphorus	0507A_02	Upper 20 miles, upstream of Long Branch confluence	21	21	3	0.37	TR	NA	NA		No
2006	Total Phosphorus	0507A_01	Lower 10 miles, downstream of Long Branch confluence	8	8	3	0.69	TR	NA	NA		No
2006	Total Phosphorus	0507A_02	Upper 20 miles, upstream of Long Branch confluence	23	23	1	0.69	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: 0507A Cowleech Fork Sabine River (unclassified water body)

Water body type: Freshwater Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0507A_01	Lower 10 miles, downstream of Long Branch confluence	8	8		31.00	126.00	TR	NA	NA	No
2006	E. coli	0507A_02	Upper 20 miles, upstream of Long Branch confluence	96	96		70.00	126.00	AD	FS	FS	No
2006	Fecal coliform	0507A_01	Lower 10 miles, downstream of Long Branch confluence	23	23		111.00	200.00	AD	FS	FS	No
2006	Fecal coliform	0507A_02	Upper 20 miles, upstream of Long Branch confluence	11	11		225.00	200.00	SM	NS	NS	No
<b>Bacteria Single Sample</b>												
2006	E. coli	0507A_01	Lower 10 miles, downstream of Long Branch confluence	8	8	0		394.00	TR	NA	NA	No
2006	E. coli	0507A_02	Upper 20 miles, upstream of Long Branch confluence	96	96	5		394.00	AD	FS	FS	No
2006	Fecal coliform	0507A_01	Lower 10 miles, downstream of Long Branch confluence	23	23	4		400.00	AD	FS	FS	No
2006	Fecal coliform	0507A_02	Upper 20 miles, upstream of Long Branch confluence	11	11	2		400.00	SM	FS	FS	No

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

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

### Segment ID: 0507B Long Branch (unclassified water body)

Water body type: Freshwater Stream

Water body size: 9 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Nitrate	0507B_01 Entire creek	0	0	0		1.95	ID	NA	CS		Yes
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0507B_01 Entire creek	30	30			126.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	E. coli	0507B_01 Entire creek	30	30	5		394.00	AD	FS	FS		No

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

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

### Segment ID: 0507D Hickory 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Recreation Use

##### **Bacteria Geomean**

2006	E. coli	0507D_01	Entire segment	19	19		40.00	126.00	AD	FS	FS	No
------	---------	----------	----------------	----	----	--	-------	--------	----	----	----	----

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

2006	E. coli	0507D_01	Entire segment	19	19	0		394.00	AD	FS	FS	No
------	---------	----------	----------------	----	----	---	--	--------	----	----	----	----

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

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

### Segment ID: 0507E Horse Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 12 Miles

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

#### Recreation Use

##### **Bacteria Geomean**

2006	E. coli	0507E_01	Entire segment	28	28		57.00	126.00	AD	FS	FS	No
------	---------	----------	----------------	----	----	--	-------	--------	----	----	----	----

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

2006	E. coli	0507E_01	Entire segment	28	28	0		394.00	AD	FS	FS	No
------	---------	----------	----------------	----	----	---	--	--------	----	----	----	----

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

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

### Segment ID: 0507F Tidwell Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 12 Miles

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

#### Recreation Use

##### **Bacteria Geomean**

2006	E. coli	0507F_01	Entire segment	21	21		75.00	126.00	AD	FS	FS	No
------	---------	----------	----------------	----	----	--	-------	--------	----	----	----	----

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

2006	E. coli	0507F_01	Entire segment	21	21	0		394.00	AD	FS	FS	No
------	---------	----------	----------------	----	----	---	--	--------	----	----	----	----

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

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

### Segment ID: 0507G South Fork of Sabine River (unclassified water body)

Water body type: Freshwater Stream

Water body size: 17 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	0507G_01	Entire segment	7	7			LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0507G_01	Entire segment	7	7			LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0507G_01	Entire segment	42	42	5	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0507G_01	Entire segment	42	42	15	5.00	AD	CS	CS		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0507G_01	Entire segment	7	7			LD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0507G_01	Entire segment	7	7	1	0.33	TR	NA	NA		No
2006	Nitrate	0507G_01	Entire segment	7	7	0	1.95	TR	NA	NA		No
2006	Orthophosphorus	0507G_01	Entire segment	7	7	1	0.37	TR	NA	NA		No
2006	Total Phosphorus	0507G_01	Entire segment	6	6	1	0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0507G_01	Entire segment	20	20		281.00	AD	NS	NS	5c	No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0507G_01	Entire segment	20	20	7	400.00	AD	CN	CN		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: 0507H Caddo 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>Acute Toxic Substances in water</b>												
2006	Aluminum	0507H_01 Entire creek	8	8	1		991.00	LD	NC	NC		No
2006	Multiple	0507H_01 Entire creek	8	8	0			LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0507H_01 Entire creek	8	8				LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0507H_01 Entire creek	46	46	4		1.50	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0507H_01 Entire creek	46	46	13		2.00	AD	CS	CS		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0507H_01 Entire creek	8	8				LD	NC	NC		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0507H_01 Entire creek	9	9	0		0.33	TR	NA	NA		No
2006	Nitrate	0507H_01 Entire creek	9	9	0		1.95	TR	NA	NA		No
2006	Orthophosphorus	0507H_01 Entire creek	9	9	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	0507H_01 Entire creek	8	8	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0507H_01 Entire creek	23	23		45.00	200.00	AD	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0507H_01 Entire creek	23	23	1		400.00	AD	FS	FS		No

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

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

**Segment ID: 0508 Adams Bayou Tidal**

**Water body type:** Tidal Stream

**Water body size:** 8 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0508_01	Lower 3 miles of segment	118	52	5	3.00	AD	FS	NS	4a	Yes
2006	Dissolved Oxygen Grab	0508_02	2 mile reach near Western Avenue	0	0	0	3.00	ID	NA	NS	4a	Yes
2006	Dissolved Oxygen Grab	0508_03	1 mile reach near Green Avenue	0	0	0	3.00	ID	NA	NS	4a	Yes
2006	Dissolved Oxygen Grab	0508_04	Upper 2 miles of segment	0	0	0	3.00	ID	NA	NS	4a	Yes
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0508_01	Lower 3 miles of segment	118	52	10	4.00	AD	CS	CS		No
2006	Dissolved Oxygen Grab	0508_02	2 mile reach near Western Avenue	0	0	0	4.00	ID	NA	CS		Yes
2006	Dissolved Oxygen Grab	0508_03	1 mile reach near Green Avenue	0	0	0	4.00	ID	NA	CS		Yes
2006	Dissolved Oxygen Grab	0508_04	Upper 2 miles of segment	0	0	0	4.00	ID	NA	CS		Yes
<b>General Use</b>												
<b>High pH</b>												
2008	pH	0508_01	Lower 3 miles of segment	118	52	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0508_01	Lower 3 miles of segment	118	52	0	6.00	AD	FS	FS		No
2006	pH	0508_04	Upper 2 miles of segment	0	0		6.00	ID	NA	CN		Yes
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0508_01	Lower 3 miles of segment	8	8	1	0.46	LD	NC	NC		No
2008	Nitrate	0508_01	Lower 3 miles of segment	73	73	2	1.10	AD	NC	NC		No
2008	Orthophosphorus	0508_01	Lower 3 miles of segment	70	70	3	0.46	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0508_01	Lower 3 miles of segment	118	52	0	35.00	AD	FS	FS		No

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

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

**Segment ID: 0508 Adams Bayou Tidal**

**Water body type:** Tidal Stream

**Water body size:** 8 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>	
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2008	Enterococcus	0508_01	Lower 3 miles of segment	19	19	1	67.71	35.00	AD	NS	NS	4a	No
2008	Fecal coliform	0508_01	Lower 3 miles of segment	44	44	0	101.50	200.00	SM	NA	NA		No
2006	Fecal coliform	0508_02	2 mile reach near Western Avenue	0	0			200.00	ID	NA	NS	4a	Yes
2006	Fecal coliform	0508_03	1 mile reach near Green Avenue	0	0			200.00	ID	NA	NS	4a	Yes
2006	Fecal coliform	0508_04	Upper 2 miles of segment	0	0			200.00	ID	NA	NS	4a	Yes
<b>Bacteria Single Sample</b>													
2008	Enterococcus	0508_01	Lower 3 miles of segment	19	19	8		89.00	AD	NS	NS	4a	No
2008	Fecal coliform	0508_01	Lower 3 miles of segment	44	44	10		400.00	SM	NA	NA		No
2006	Fecal coliform	0508_02	2 mile reach near Western Avenue	0	0	0			ID	NA	NS	4a	Yes
2006	Fecal coliform	0508_03	1 mile reach near Green Avenue	0	0	0		400.00	ID	NA	NS	4a	Yes
2006	Fecal coliform	0508_04	Upper 2 miles of segment	0	0	0		400.00	ID	NA	NS	4a	Yes

## 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: 0508A Adams Bayou Above Tidal (unclassified water body)

Water body type: Freshwater Stream

Water body size: 8 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0508A_01 Entire bayou above tidal	5	5	4		3.00	LD	NS	NS	4a	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0508A_01 Entire bayou above tidal	5	5	4		2.00	LD	NS	NS	4a	No
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0508A_01 Entire bayou above tidal	45	45	13		2.00	SM	NS	NS		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0508A_01 Entire bayou above tidal	45	45	23		3.00	SM	CS	CS		No
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0508A_01 Entire bayou above tidal	8	8	1		0.33	TR	NA	NA		No
2006	Nitrate	0508A_01 Entire bayou above tidal	40	40	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	0508A_01 Entire bayou above tidal	37	37	3		0.37	AD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Enterococcus	0508A_01 Entire bayou above tidal	19	19		105.00	35.00	AD	NS	NS	4a	No
2006	Fecal coliform	0508A_01 Entire bayou above tidal	44	44		127.00	200.00	SM	FS	FS		No
<b>Bacteria Single Sample</b>												
2006	Enterococcus	0508A_01 Entire bayou above tidal	19	19	9		89.00	AD	NS	NS	4a	No
2006	Fecal coliform	0508A_01 Entire bayou above tidal	44	44	8		400.00	SM	FS	FS		No

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

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

### Segment ID: 0508B Gum Gully (unclassified water body)

Water body type: Freshwater Stream

Water body size: 4 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	0508B_01 Entire creek	0	0	0		2.00	ID	NA	NS	4a	Yes
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	E. coli	0508B_01 Entire creek	0	0			126.00	ID	NA	NS	4a	Yes
<b>Bacteria Single Sample</b>												
2006	E. coli	0508B_01 Entire creek	0	0	0		394.00	ID	NA	NS	4a	Yes

## 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: 0508C Hudson Gully (unclassified water body)

Water body type: Tidal Stream

Water body size: 1 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	0508C_01 Entire creek	10	10	6		3.00	TR	NA	NS	4a	Yes
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0508C_01 Entire creek	10	10	6		4.00	TR	NA	CS		Yes
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0508C_01 Entire creek	2	2	0		0.46	ID	NA	NA		No
2006	Nitrate	0508C_01 Entire creek	6	6	0		1.10	LD	NC	NC		No
2006	Orthophosphorus	0508C_01 Entire creek	6	6	3		0.46	LD	CS	CS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0508C_01 Entire creek	10	10		1,111.00	200.00	TR	NA	NS	4a	Yes
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0508C_01 Entire creek	10	10	10		400.00	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: 0509 Murvaul Lake**

**Water body type:** Reservoir

**Water body size:** 3,827 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	0509_01	Entire reservoir	7	7	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0509_01	Entire reservoir	7	7			LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0509_01	Entire reservoir	137	50	1	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0509_01	Entire reservoir	137	50	4	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0509_01	Entire reservoir	3	3	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0509_01	Entire reservoir	7	7			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: 0509 Murvault Lake**

**Water body type:** Reservoir

**Water body size:** 3,827 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0509_01	Entire reservoir	52	52		19.38	150.00	AD	FS	FS	No
2008	Sulfate	0509_01	Entire reservoir	52	52		24.50	75.00	AD	FS	FS	No
2008	Total Dissolved Solids	0509_01	Entire reservoir	55	55		126.22	500.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0509_01	Entire reservoir	137	50	2		9.00	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0509_01	Entire reservoir	137	50	0		6.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0509_01	Entire reservoir	50	50	4		0.11	AD	NC	NC	No
2008	Chlorophyll-a	0509_01	Entire reservoir	52	52	32		26.70	AD	CS	CS	No
2008	Nitrate	0509_01	Entire reservoir	52	52	0		0.37	AD	NC	NC	No
2008	Orthophosphorus	0509_01	Entire reservoir	50	50	36		0.05	AD	CS	CS	No
2008	Total Phosphorus	0509_01	Entire reservoir	50	50	0		0.20	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	0509_01	Entire reservoir	137	50	0		33.30	AD	FS	FS	No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	0509_01	Entire reservoir						OE	NC	NC	No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0509_01	Entire reservoir						OE	FS	FS	No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0509_01	Entire reservoir						OE	NC	NC	No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	0509_01	Entire reservoir	30	30			4,000.00	AD	FS	FS	No
2006	Multiple	0509_01	Entire reservoir	8	7				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: 0509 Murvail Lake**

**Water body type:** Reservoir

**Water body size:** 3,827 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	0509_01	Entire reservoir	45	45	0	3.71	126.00	AD	FS	FS	No
2008	Fecal coliform	0509_01	Entire reservoir	5	5	0	22.67	200.00	LD	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0509_01	Entire reservoir	45	45	2		394.00	AD	FS	FS	No
2008	Fecal coliform	0509_01	Entire reservoir	5	5	1		400.00	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: 0510 Lake Cherokee

Water body type: Reservoir

Water body size: 3,981 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	0510_01	Lower 2352 acres of reservoir	1	1	0		ID	NA	NA		No
2006	Multiple	0510_02	Upper 1629 acres of reservoir	1	1	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0510_01	Lower 2352 acres of reservoir	1	1			ID	NA	NA		No
2006	Multiple	0510_02	Upper 1629 acres of reservoir	1	1			ID	NA	NA		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0510_01	Lower 2352 acres of reservoir	128	62	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0510_02	Upper 1629 acres of reservoir	177	61	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0510_01	Lower 2352 acres of reservoir	128	62	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0510_02	Upper 1629 acres of reservoir	177	61	12	5.00	AD	CS	CS		No
<b>Toxic Substances in sediment</b>												
2006	Manganese	0510_01	Lower 2352 acres of reservoir	2	2	1		ID	NA	NA		No
2006	Manganese	0510_02	Upper 1629 acres of reservoir	2	2	1		ID	NA	NA		No
2006	Multiple	0510_01	Lower 2352 acres of reservoir	2	2	0		ID	NA	NA		No
2006	Multiple	0510_02	Upper 1629 acres of reservoir	2	2	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0510_01	Lower 2352 acres of reservoir	3	2			ID	NA	NA		No
2006	Multiple	0510_02	Upper 1629 acres of reservoir	3	2			ID	NA	NA		No

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

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

**Segment ID: 0510 Lake Cherokee**

**Water body type:** Reservoir

**Water body size:** 3,981 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0510_01	Lower 2352 acres of reservoir	128	128		14.69	75.00	AD	FS	FS	No
2008	Chloride	0510_02	Upper 1629 acres of reservoir	128	128		14.69	75.00	AD	FS	FS	No
2008	Sulfate	0510_01	Lower 2352 acres of reservoir	128	128		16.51	50.00	AD	FS	FS	No
2008	Sulfate	0510_02	Upper 1629 acres of reservoir	128	128		16.51	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	0510_01	Lower 2352 acres of reservoir	125	125		93.77	250.00	AD	FS	FS	No
2008	Total Dissolved Solids	0510_02	Upper 1629 acres of reservoir	125	125		93.77	250.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0510_01	Lower 2352 acres of reservoir	131	64	3		8.50	AD	FS	FS	No
2008	pH	0510_02	Upper 1629 acres of reservoir	180	63	1		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0510_01	Lower 2352 acres of reservoir	131	64	5		6.00	AD	FS	FS	No
2008	pH	0510_02	Upper 1629 acres of reservoir	180	63	4		6.00	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0510_01	Lower 2352 acres of reservoir	20	20	0		0.11	AD	NC	NC	No
2008	Ammonia	0510_02	Upper 1629 acres of reservoir	20	20	1		0.11	AD	NC	NC	No
2008	Chlorophyll-a	0510_01	Lower 2352 acres of reservoir	42	42	0		26.70	AD	NC	NC	No
2008	Chlorophyll-a	0510_02	Upper 1629 acres of reservoir	40	40	1		26.70	AD	NC	NC	No
2008	Nitrate	0510_01	Lower 2352 acres of reservoir	64	64	0		0.37	AD	NC	NC	No
2008	Nitrate	0510_02	Upper 1629 acres of reservoir	62	62	0		0.37	AD	NC	NC	No
2008	Orthophosphorus	0510_01	Lower 2352 acres of reservoir	60	60	18		0.05	AD	CS	CS	No
2008	Orthophosphorus	0510_02	Upper 1629 acres of reservoir	58	58	16		0.05	AD	CS	CS	No
2008	Total Phosphorus	0510_01	Lower 2352 acres of reservoir	19	19	0		0.20	AD	NC	NC	No
2008	Total Phosphorus	0510_02	Upper 1629 acres of reservoir	19	19	0		0.20	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	0510_01	Lower 2352 acres of reservoir	131	64	0		35.00	AD	FS	FS	No
2008	Temperature	0510_02	Upper 1629 acres of reservoir	180	63	0		35.00	AD	FS	FS	No

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

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

### Segment ID: 0510 Lake Cherokee

Water body type: Reservoir

Water body size: 3,981 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	0510_01	Lower 2352 acres of reservoir					OE	NC	NC		No
2008	Multiple	0510_02	Upper 1629 acres of reservoir					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0510_01	Lower 2352 acres of reservoir					OE	FS	FS		No
2008	Multiple	0510_02	Upper 1629 acres of reservoir					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0510_01	Lower 2352 acres of reservoir					OE	NC	NC		No
2008	Multiple	0510_02	Upper 1629 acres of reservoir					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	0510_01	Lower 2352 acres of reservoir	86	86		4,000.00	AD	FS	FS		No
2006	Fluoride	0510_02	Upper 1629 acres of reservoir	86	86		4,000.00	AD	FS	FS		No
2006	Multiple	0510_01	Lower 2352 acres of reservoir	3	2			ID	NA	NA		No
2006	Multiple	0510_02	Upper 1629 acres of reservoir	3	2			ID	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0510_01	Lower 2352 acres of reservoir	57	57	0	5.33	126.00	AD	FS	FS	No
2008	E. coli	0510_02	Upper 1629 acres of reservoir	59	59	0	7.24	126.00	AD	FS	FS	No
2008	Fecal coliform	0510_01	Lower 2352 acres of reservoir	4	4	0	5.27	200.00	LD	NC	NC	No
2008	Fecal coliform	0510_02	Upper 1629 acres of reservoir	4	4	0	7.14	200.00	LD	NC	NC	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0510_01	Lower 2352 acres of reservoir	57	57	0		394.00	AD	FS	FS	No
2008	E. coli	0510_02	Upper 1629 acres of reservoir	59	59	2		394.00	AD	FS	FS	No
2008	Fecal coliform	0510_01	Lower 2352 acres of reservoir	4	4	0		400.00	LD	NC	NC	No
2008	Fecal coliform	0510_02	Upper 1629 acres of reservoir	4	4	0		400.00	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: 0511 Cow Bayou Tidal**

**Water body type:** Tidal Stream

**Water body size:** 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen 24hr average</b>												
2006	Dissolved Oxygen 24hr Avg	0511_01	Lower 5 miles	21	21	3	4.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Avg	0511_02	6 mile reach near FM 105	20	20	11	4.00	AD	NS	NS	4a	No
2006	Dissolved Oxygen 24hr Avg	0511_03	5 mile reach near FM 1442 (north crossing)	5	5	5	4.00	LD	NS	NS	4a	No
<b>Dissolved Oxygen 24hr minimum</b>												
2006	Dissolved Oxygen 24hr Min	0511_01	Lower 5 miles	21	21	2	3.00	AD	FS	FS		No
2006	Dissolved Oxygen 24hr Min	0511_02	6 mile reach near FM 105	20	20	8	3.00	AD	NS	NS	4a	No
2006	Dissolved Oxygen 24hr Min	0511_03	5 mile reach near FM 1442 (north crossing)	5	5	5	3.00	LD	NS	NS	4a	No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0511_01	Lower 5 miles	221	76	3	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0511_02	6 mile reach near FM 105	74	24	6	3.00	AD	NS	NS	4a	No
2008	Dissolved Oxygen Grab	0511_03	5 mile reach near FM 1442 (north crossing)	61	40	15	3.00	AD	NS	NS	4a	No
2006	Dissolved Oxygen Grab	0511_04	Upper 4 miles	0	0	0	3.00	ID	NA	NS	4a	Yes
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0511_01	Lower 5 miles	221	76	11	4.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0511_02	6 mile reach near FM 105	74	24	15	4.00	AD	CS	CS		No
2008	Dissolved Oxygen Grab	0511_03	5 mile reach near FM 1442 (north crossing)	61	40	18	4.00	AD	CS	CS		No
2006	Dissolved Oxygen Grab	0511_04	Upper 4 miles	0	0	0	4.00	ID	NA	CS		Yes

## 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: 0511 Cow Bayou Tidal**

**Water body type:** Tidal Stream

**Water body size:** 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>High pH</b>												
2008	pH	0511_01	Lower 5 miles	221	76	0	8.50	AD	FS	FS		No
2008	pH	0511_02	6 mile reach near FM 105	74	24	0	8.50	AD	FS	FS		No
2008	pH	0511_03	5 mile reach near FM 1442 (north crossing)	69	45	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0511_01	Lower 5 miles	221	76	4	6.00	AD	FS	FS		No
2008	pH	0511_02	6 mile reach near FM 105	74	24	3	6.00	AD	FS	FS		No
2008	pH	0511_03	5 mile reach near FM 1442 (north crossing)	69	45	7	6.00	AD	NS	NS	4a	No
2006	pH	0511_04	Upper 4 miles	0	0	0	6.00	ID	NA	NS	4a	Yes
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0511_01	Lower 5 miles	39	39	2	0.46	AD	NC	NC		No
2008	Ammonia	0511_02	6 mile reach near FM 105	31	31	0	0.46	AD	NC	NC		No
2008	Ammonia	0511_03	5 mile reach near FM 1442 (north crossing)	8	8	0	0.46	LD	NC	NC		No
2008	Chlorophyll-a	0511_01	Lower 5 miles	24	24	3	21.00	AD	NC	NC		No
2008	Chlorophyll-a	0511_02	6 mile reach near FM 105	24	24	5	21.00	AD	NC	NC		No
2008	Nitrate	0511_01	Lower 5 miles	104	104	4	1.10	AD	NC	NC		No
2008	Nitrate	0511_02	6 mile reach near FM 105	31	31	0	1.10	AD	NC	NC		No
2008	Nitrate	0511_03	5 mile reach near FM 1442 (north crossing)	40	40	0	1.10	AD	NC	NC		No
2008	Orthophosphorus	0511_01	Lower 5 miles	98	98	0	0.46	AD	NC	NC		No
2008	Orthophosphorus	0511_02	6 mile reach near FM 105	28	28	0	0.46	AD	NC	NC		No
2008	Orthophosphorus	0511_03	5 mile reach near FM 1442 (north crossing)	37	37	0	0.46	AD	NC	NC		No
2008	Total Phosphorus	0511_01	Lower 5 miles	29	29	0	0.66	AD	NC	NC		No
2008	Total Phosphorus	0511_02	6 mile reach near FM 105	29	29	0	0.66	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0511_01	Lower 5 miles	221	76	0	35.00	AD	FS	FS		No
2008	Temperature	0511_02	6 mile reach near FM 105	74	24	0	35.00	AD	FS	FS		No
2008	Temperature	0511_03	5 mile reach near FM 1442 (north crossing)	69	45	0	35.00	AD	FS	FS		No

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

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

**Segment ID: 0511 Cow Bayou Tidal**

Water body type: Tidal Stream

Water body size: 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>	
<b>Recreation Use</b>													
<b>Bacteria Geomean</b>													
2008	Enterococcus	0511_01	Lower 5 miles	19	19	1	50.19	35.00	AD	NS	NS	4a	No
2008	Enterococcus	0511_03	5 mile reach near FM 1442 (north crossing)	18	18	1	81.28	35.00	AD	NS	NS	4a	No
2008	Fecal coliform	0511_01	Lower 5 miles	44	44	0	113.74	200.00	SM	NA	NA		No
2008	Fecal coliform	0511_03	5 mile reach near FM 1442 (north crossing)	39	39	0	102.67	200.00	SM	NA	NA		No
2006	Fecal coliform	0511_04	Upper 4 miles	0	0			200.00	ID	NA	NS	4a	Yes
<b>Bacteria Single Sample</b>													
2008	Enterococcus	0511_01	Lower 5 miles	19	19	6		89.00	AD	CN	CN		No
2008	Enterococcus	0511_03	5 mile reach near FM 1442 (north crossing)	18	18	5		89.00	AD	FS	FS		No
2008	Fecal coliform	0511_01	Lower 5 miles	44	44	6		400.00	SM	NA	NA		No
2008	Fecal coliform	0511_03	5 mile reach near FM 1442 (north crossing)	39	39	5		400.00	SM	NA	NA		No
2006	Fecal coliform	0511_04	Upper 4 miles	0	0	0		400.00	ID	NA	CN		Yes

## 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: 0511A Cow Bayou Above Tidal (unclassified water body)

Water body type: Freshwater Stream

Water body size: 11 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0511A_02	Upper 5.3 miles of above-tidal reach	0	0	0	2.00	ID	NA	NS	4a	Yes
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0511A_02	Upper 5.3 miles of above-tidal reach	0	0	0	3.00	ID	NA	CS		Yes
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0511A_01	Lower 5.3 miles of above-tidal reach	0	0	0		ID	NA	CN		Yes

## 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: 0511B Coon Bayou (unclassified water body)

Water body type: Tidal 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 grab minimum</b>												
2006	Dissolved Oxygen Grab	0511B_01 Entire tidal reach	0	0	0		3.00	ID	NA	NS	4a	Yes
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0511B_01 Entire tidal reach	0	0	0		4.00	ID	NA	CS		Yes
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0511B_01 Entire tidal reach	0	0	0		200.00	ID	NA	NS	4a	Yes
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0511B_01 Entire tidal reach	0	0	0		400.00	ID	NA	NS	4a	Yes

## 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: 0511C Cole Creek (unclassified water body)

Water body type: Tidal Stream

Water body size: 10 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	0511C_01 Entire tidal reach	10	10	0		3.00	TR	NA	NS	4a	Yes
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0511C_01 Entire tidal reach	10	10	1		4.00	TR	NA	CS		Yes
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0511C_01 Entire tidal reach	2	2	0		0.46	ID	NA	NA		No
2006	Nitrate	0511C_01 Entire tidal reach	7	7	0		1.10	LD	NC	NC		No
2006	Orthophosphorus	0511C_01 Entire tidal reach	6	6	0		0.46	LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0511C_01 Entire tidal reach	10	10		160.00	200.00	TR	NA	NA		No
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0511C_01 Entire tidal reach	10	10	2		400.00	TR	NA	NS	4a	Yes

## 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: 0511E Terry Gully (unclassified water body)

Water body type: Freshwater Stream

Water body size: 9 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0511E_01 Entire creek	6	6	0		2.00	TR	NA	CN		Yes
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0511E_01 Entire creek	6	6	0		3.00	TR	NA	CS		Yes
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0511E_01 Entire creek	1	1	0		0.33	ID	NA	NA		No
2006	Nitrate	0511E_01 Entire creek	2	2	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	0511E_01 Entire creek	4	4	2		0.37	LD	CS	CS		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0511E_01 Entire creek	6	6		454.00	200.00	LD	CN	NS	4a	Yes
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0511E_01 Entire creek	6	6	3		400.00	LD	CN	NS	4a	Yes

## 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: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 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	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	4	4	0		LD	NC	NC		No
2006	Multiple	0512_02	Caney Creek arm, centering on FM 515	4	4	0		LD	NC	NC		No
2006	Multiple	0512_03	Running Creek cove, centering on FM 2966	1	1	0		ID	NA	NA		No
2006	Multiple	0512_04	Lake Fork Creek arm, centering on FM 515	4	4	0		LD	NC	NC		No
2006	Multiple	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	1	1	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	4	4	0		LD	NC	NC		No
2006	Multiple	0512_02	Caney Creek arm, centering on FM 515	4	4	0		LD	NC	NC		No
2006	Multiple	0512_03	Running Creek cove, centering on FM 2966	1	1			ID	NA	NA		No
2006	Multiple	0512_04	Lake Fork Creek arm, centering on FM 515	4	4	0		LD	NC	NC		No
2006	Multiple	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	1	1			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0512_03	Running Creek cove, centering on FM 2966	4	4	0	5.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Avg	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	2	2	0	5.00	ID	NA	NA		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0512_03	Running Creek cove, centering on FM 2966	4	4	0	3.00	LD	NC	NC		No
2006	Dissolved Oxygen 24hr Min	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	2	2	0	3.00	ID	NA	NA		No

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

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

### Segment ID: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	275	106	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0512_02	Caney Creek arm, centering on FM 515	222	83	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0512_03	Running Creek cove, centering on FM 2966	22	10	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0512_04	Lake Fork Creek arm, centering on FM 515	231	84	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	140	33	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	275	106	8	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0512_02	Caney Creek arm, centering on FM 515	222	83	6	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0512_03	Running Creek cove, centering on FM 2966	22	10	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0512_04	Lake Fork Creek arm, centering on FM 515	231	84	3	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	140	33	1	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	12	12	0		AD	NC	NC		No
2006	Multiple	0512_02	Caney Creek arm, centering on FM 515	12	12	0		AD	NC	NC		No
2006	Multiple	0512_03	Running Creek cove, centering on FM 2966	12	12	0		AD	NC	NC		No
2006	Multiple	0512_04	Lake Fork Creek arm, centering on FM 515	12	12	0		AD	NC	NC		No
2006	Multiple	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	12	12	0		AD	NC	NC		No
2006	Multiple	0512_06	Remainder of reservoir	12	12	0		AD	NC	NC		No

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

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

### Segment ID: 0512 Lake Fork Reservoir

**Water body type:** Reservoir

**Water body size:** 27,690 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Fish Consumption Use

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

2006	Multiple	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	15	14			AD	FS	FS		No
2006	Multiple	0512_02	Caney Creek arm, centering on FM 515	15	14			AD	FS	FS		No
2006	Multiple	0512_03	Running Creek cove, centering on FM 2966	15	14			AD	FS	FS		No
2006	Multiple	0512_04	Lake Fork Creek arm, centering on FM 515	15	14			AD	FS	FS		No
2006	Multiple	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	15	14			AD	FS	FS		No
2006	Multiple	0512_06	Remainder of reservoir	15	14			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: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	295	295	13.77	50.00	AD	FS	FS		No
2008	Chloride	0512_02	Caney Creek arm, centering on FM 515	295	295	13.77	50.00	AD	FS	FS		No
2008	Chloride	0512_03	Running Creek cove, centering on FM 2966	295	295	13.77	50.00	AD	FS	FS		No
2008	Chloride	0512_04	Lake Fork Creek arm, centering on FM 515	295	295	13.77	50.00	AD	FS	FS		No
2008	Chloride	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	295	295	13.77	50.00	AD	FS	FS		No
2008	Chloride	0512_06	Remainder of reservoir	295	295	13.77	50.00	AD	FS	FS		No
2008	Sulfate	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	292	292	18.19	50.00	AD	FS	FS		No
2008	Sulfate	0512_02	Caney Creek arm, centering on FM 515	292	292	18.19	50.00	AD	FS	FS		No
2008	Sulfate	0512_03	Running Creek cove, centering on FM 2966	292	292	18.19	50.00	AD	FS	FS		No
2008	Sulfate	0512_04	Lake Fork Creek arm, centering on FM 515	292	292	18.19	50.00	AD	FS	FS		No
2008	Sulfate	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	292	292	18.19	50.00	AD	FS	FS		No
2008	Sulfate	0512_06	Remainder of reservoir	292	292	18.19	50.00	AD	FS	FS		No
2008	Total Dissolved Solids	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	318	318	101.87	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0512_02	Caney Creek arm, centering on FM 515	318	318	101.87	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0512_03	Running Creek cove, centering on FM 2966	318	318	101.87	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0512_04	Lake Fork Creek arm, centering on FM 515	318	318	101.87	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	318	318	101.87	200.00	AD	FS	FS		No
2008	Total Dissolved Solids	0512_06	Remainder of reservoir	318	318	101.87	200.00	AD	FS	FS		No

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

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

### Segment ID: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 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>High pH</b>												
2008	pH	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	275	106	1	9.00	AD	FS	FS		No
2008	pH	0512_02	Caney Creek arm, centering on FM 515	223	84	5	9.00	AD	FS	FS		No
2008	pH	0512_03	Running Creek cove, centering on FM 2966	22	10	0	9.00	AD	FS	FS		No
2008	pH	0512_04	Lake Fork Creek arm, centering on FM 515	231	84	1	9.00	AD	FS	FS		No
2008	pH	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	140	33	2	9.00	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	275	106	4	6.50	AD	FS	FS		No
2008	pH	0512_02	Caney Creek arm, centering on FM 515	223	84	3	6.50	AD	FS	FS		No
2008	pH	0512_03	Running Creek cove, centering on FM 2966	22	10	1	6.50	AD	FS	FS		No
2008	pH	0512_04	Lake Fork Creek arm, centering on FM 515	231	84	2	6.50	AD	FS	FS		No
2008	pH	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	140	33	0	6.50	AD	FS	FS		No

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

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

### Segment ID: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 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	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	7	7	0	0.11	LD	NC	NC		No
2008	Ammonia	0512_02	Caney Creek arm, centering on FM 515	7	7	0	0.11	LD	NC	NC		No
2008	Ammonia	0512_03	Running Creek cove, centering on FM 2966	10	10	2	0.11	AD	NC	NC		No
2008	Ammonia	0512_04	Lake Fork Creek arm, centering on FM 515	7	7	0	0.11	LD	NC	NC		No
2008	Ammonia	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	30	30	1	0.11	AD	NC	NC		No
2008	Chlorophyll-a	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	60	60	3	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0512_02	Caney Creek arm, centering on FM 515	45	45	9	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0512_03	Running Creek cove, centering on FM 2966	10	10	2	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0512_04	Lake Fork Creek arm, centering on FM 515	45	45	6	26.70	AD	NC	NC		No
2008	Chlorophyll-a	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	27	27	10	26.70	AD	CS	CS		No
2008	Nitrate	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	100	100	0	0.37	AD	NC	NC		No
2008	Nitrate	0512_02	Caney Creek arm, centering on FM 515	79	79	0	0.37	AD	NC	NC		No
2008	Nitrate	0512_03	Running Creek cove, centering on FM 2966	9	9	1	0.37	LD	NC	NC		No
2008	Nitrate	0512_04	Lake Fork Creek arm, centering on FM 515	79	79	0	0.37	AD	NC	NC		No
2008	Nitrate	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	29	29	1	0.37	AD	NC	NC		No
2008	Orthophosphorus	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	77	77	5	0.05	AD	NC	NC		No
2008	Orthophosphorus	0512_02	Caney Creek arm, centering on FM 515	73	73	5	0.05	AD	NC	NC		No
2008	Orthophosphorus	0512_03	Running Creek cove, centering on FM 2966	9	9	9	0.05	LD	CS	CS		No
2008	Orthophosphorus	0512_04	Lake Fork Creek arm, centering on FM 515	73	73	4	0.05	AD	NC	NC		No

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

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

### Segment ID: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2008	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	27	27	4	0.05	AD	NC	NC			No
2008	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	12	12	0	0.20	AD	NC	NC			No
2008	0512_03	Running Creek cove, centering on FM 2966	10	10	3	0.20	AD	NC	NC			No
2008	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	24	24	0	0.20	AD	NC	NC			No
<b>Water Temperature</b>												
2008	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	275	106	0	35.00	AD	FS	FS			No
2008	0512_02	Caney Creek arm, centering on FM 515	223	84	0	35.00	AD	FS	FS			No
2008	0512_03	Running Creek cove, centering on FM 2966	22	10	0	35.00	AD	FS	FS			No
2008	0512_04	Lake Fork Creek arm, centering on FM 515	231	84	0	35.00	AD	FS	FS			No
2008	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	140	33	0	35.00	AD	FS	FS			No

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

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

### Segment ID: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Public Water Supply Use

##### Finished Drinking Water Dissolved Solids average

2008	Multiple	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam						OE	NC	NC		No
2008	Multiple	0512_02	Caney Creek arm, centering on FM 515						OE	NC	NC		No
2008	Multiple	0512_03	Running Creek cove, centering on FM 2966						OE	NC	NC		No
2008	Multiple	0512_04	Lake Fork Creek arm, centering on FM 515						OE	NC	NC		No
2008	Multiple	0512_05	Uppermost 5120 acres of Lake Fork Creek arm						OE	NC	NC		No
2008	Multiple	0512_06	Remainder of reservoir						OE	NC	NC		No

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

2008	Multiple	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam						OE	FS	FS		No
2008	Multiple	0512_02	Caney Creek arm, centering on FM 515						OE	FS	FS		No
2008	Multiple	0512_03	Running Creek cove, centering on FM 2966						OE	FS	FS		No
2008	Multiple	0512_04	Lake Fork Creek arm, centering on FM 515						OE	FS	FS		No
2008	Multiple	0512_05	Uppermost 5120 acres of Lake Fork Creek arm						OE	FS	FS		No
2008	Multiple	0512_06	Remainder of reservoir						OE	FS	FS		No

##### Finished Drinking Water MCLs Concern

2008	Multiple	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam						OE	NC	NC		No
2008	Multiple	0512_02	Caney Creek arm, centering on FM 515						OE	NC	NC		No
2008	Multiple	0512_03	Running Creek cove, centering on FM 2966						OE	NC	NC		No
2008	Multiple	0512_04	Lake Fork Creek arm, centering on FM 515						OE	NC	NC		No
2008	Multiple	0512_05	Uppermost 5120 acres of Lake Fork Creek arm						OE	NC	NC		No
2008	Multiple	0512_06	Remainder of reservoir						OE	NC	NC		No

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

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

### Segment ID: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 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>
-------------	--------------	-----------------------------	---------------------	-------------------	-----------------	-------------------------	-----------------	--------------------------	------------------	-------------------	---------------------	----------------------

#### Public Water Supply Use

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

2006	Fluoride	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	201	201		4,000.00	AD	FS	FS		No
2006	Fluoride	0512_02	Caney Creek arm, centering on FM 515	201	201		4,000.00	AD	FS	FS		No
2006	Fluoride	0512_03	Running Creek cove, centering on FM 2966	201	201		4,000.00	AD	FS	FS		No
2006	Fluoride	0512_04	Lake Fork Creek arm, centering on FM 515	201	201		4,000.00	AD	FS	FS		No
2006	Fluoride	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	201	201		4,000.00	AD	FS	FS		No
2006	Fluoride	0512_06	Remainder of reservoir	201	201		4,000.00	AD	FS	FS		No
2006	Multiple	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	15	14			AD	FS	FS		No
2006	Multiple	0512_02	Caney Creek arm, centering on FM 515	15	14			AD	FS	FS		No
2006	Multiple	0512_03	Running Creek cove, centering on FM 2966	15	14			AD	FS	FS		No
2006	Multiple	0512_04	Lake Fork Creek arm, centering on FM 515	15	14			AD	FS	FS		No
2006	Multiple	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	15	14			AD	FS	FS		No
2006	Multiple	0512_06	Remainder of reservoir	15	14			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: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	60	60	0	1.46	126.00	AD	FS	FS	No
2008	E. coli	0512_02	Caney Creek arm, centering on FM 515	60	60	0	1.75	126.00	AD	FS	FS	No
2008	E. coli	0512_03	Running Creek cove, centering on FM 2966	3	3	0	61.48	126.00	ID	NA	NA	No
2008	E. coli	0512_04	Lake Fork Creek arm, centering on FM 515	60	60	0	1.61	126.00	AD	FS	FS	No
2008	E. coli	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	20	20	0	2.76	126.00	AD	FS	FS	No
2008	Fecal coliform	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	21	21	0	2.70	200.00	AD	FS	FS	No
2008	Fecal coliform	0512_02	Caney Creek arm, centering on FM 515	21	21	0	3.86	200.00	AD	FS	FS	No
2008	Fecal coliform	0512_03	Running Creek cove, centering on FM 2966	5	5	0	4.17	200.00	LD	NC	NC	No
2008	Fecal coliform	0512_04	Lake Fork Creek arm, centering on FM 515	21	21	0	2.88	200.00	AD	FS	FS	No
2008	Fecal coliform	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	10	10	0	2.50	200.00	AD	FS	FS	No

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

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

### Segment ID: 0512 Lake Fork Reservoir

Water body type: Reservoir

Water body size: 27,690 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Recreation Use</b>												
<b>Bacteria Single Sample</b>												
2008	E. coli	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	60	60	0	394.00	AD	FS	FS		No
2008	E. coli	0512_02	Caney Creek arm, centering on FM 515	60	60	0	394.00	AD	FS	FS		No
2008	E. coli	0512_03	Running Creek cove, centering on FM 2966	3	3	1	394.00	ID	NA	NA		No
2008	E. coli	0512_04	Lake Fork Creek arm, centering on FM 515	60	60	0	394.00	AD	FS	FS		No
2008	E. coli	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	20	20	0	394.00	AD	FS	FS		No
2008	Fecal coliform	0512_01	Lowermost 5120 acres of reservoir, adjacent to dam	21	21	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0512_02	Caney Creek arm, centering on FM 515	21	21	1	400.00	AD	FS	FS		No
2008	Fecal coliform	0512_03	Running Creek cove, centering on FM 2966	5	5	0	400.00	LD	NC	NC		No
2008	Fecal coliform	0512_04	Lake Fork Creek arm, centering on FM 515	21	21	0	400.00	AD	FS	FS		No
2008	Fecal coliform	0512_05	Uppermost 5120 acres of Lake Fork Creek arm	10	10	0	400.00	AD	FS	FS		No

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

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

### Segment ID: 0512A Running Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 12 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Dissolved Oxygen grab minimum</b>												
2006	Dissolved Oxygen Grab	0512A_01 Entire creek	6	6	0		3.00	TR	NA	NA		No
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0512A_01 Entire creek	6	6	1		5.00	TR	NA	CS		Yes
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0512A_01 Entire creek	6	6	0		0.33	TR	NA	CS		Yes
2006	Chlorophyll-a	0512A_01 Entire creek	6	6	1		14.10	TR	NA	NA		No
2006	Nitrate	0512A_01 Entire creek	6	6	5		1.95	TR	NA	CS		Yes
2006	Orthophosphorus	0512A_01 Entire creek	6	6	0		0.37	TR	NA	NA		No
2006	Total Phosphorus	0512A_01 Entire creek	6	6	0		0.69	TR	NA	NA		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0512A_01 Entire creek	6	6		350.00	200.00	TR	NA	NS	5c	Yes
<b>Bacteria Single Sample</b>												
2006	Fecal coliform	0512A_01 Entire creek	6	6	2		400.00	TR	NA	NS	5c	Yes

## 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: 0512B Elm 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	0512B_01 Entire creek	0	0				ID	NA	CN		Yes
<b>Dissolved Oxygen grab screening level</b>												
2006	Dissolved Oxygen Grab	0512B_01 Entire creek	0	0				ID	NA	CS		Yes
<b>General Use</b>												
<b>Nutrient Screening Levels</b>												
2006	Ammonia	0512B_01 Entire creek	0	0				ID	NA	CS		Yes
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2006	Fecal coliform	0512B_01 Entire creek	0	0				ID	NA	NS	5c	Yes

## 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: 0513 Big Cow Creek

Water body type: Freshwater Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0513_01	Entire segment	4	4	0		LD	NC	NC		No
<b>Chronic Ambient Toxicity tests in water</b>												
2006	Water Chronic Toxicity	0513_01	Entire segment	7	0	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0513_01	Entire segment	4	4	0		LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0513_01	Entire segment	83	83	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0513_01	Entire segment	83	83	0	5.00	AD	NC	NC		No
<b>Toxic Substances in sediment</b>												
2006	Multiple	0513_01	Entire segment	3	3	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0513_01	Entire segment	4	4			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: 0513 Big Cow Creek

Water body type: Freshwater Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0513_01	Entire segment	83	83		8.73	75.00	AD	FS	FS	No
2008	Sulfate	0513_01	Entire segment	81	81		7.99	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	0513_01	Entire segment	84	84		29.43	300.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0513_01	Entire segment	84	84	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0513_01	Entire segment	84	84	0		5.50	AD	FS	FS	No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0513_01	Entire segment	6	6	0		0.33	LD	NC	NC	No
2008	Nitrate	0513_01	Entire segment	78	78	0		1.95	AD	NC	NC	No
2008	Orthophosphorus	0513_01	Entire segment	77	77	0		0.37	AD	NC	NC	No
<b>Water Temperature</b>												
2008	Temperature	0513_01	Entire segment	84	84	0		32.20	AD	FS	FS	No
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	0513_01	Entire segment						OE	NC	NC	No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0513_01	Entire segment						OE	FS	FS	No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0513_01	Entire segment						OE	NC	NC	No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	0513_01	Entire segment	59	59			4,000.00	AD	FS	FS	No
2006	Multiple	0513_01	Entire segment	4	4				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: 0513 Big Cow Creek**

**Water body type:** Freshwater Stream

**Water body size:** 30 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	0513_01	Entire segment	60	60	0	117.91	126.00	AD	FS	FS	No
2008	Fecal coliform	0513_01	Entire segment	31	31	0	71.25	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0513_01	Entire segment	60	60	12		394.00	AD	FS	FS	No
2008	Fecal coliform	0513_01	Entire segment	31	31	3		400.00	AD	FS	FS	No

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

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

### Segment ID: 0514 Big Sandy Creek

Water body type: Freshwater Stream

Water body size: 58 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	0514_01	From confluence with Sabine River to just upstream of FM 49	4	4	0		LD	NC	NC		No
2006	Multiple	0514_02	From just upstream of FM 49 to upper end of segment	1	1	0		ID	NA	NA		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0514_01	From confluence with Sabine River to just upstream of FM 49	4	4	0		LD	NC	NC		No
2006	Multiple	0514_02	From just upstream of FM 49 to upper end of segment	1	1			ID	NA	NA		No
<b>Dissolved Oxygen 24hr average</b>												
2008	Dissolved Oxygen 24hr Avg	0514_01	From confluence with Sabine River to just upstream of FM 49	9	9	1	5.00	LD	NC	NC		No
<b>Dissolved Oxygen 24hr minimum</b>												
2008	Dissolved Oxygen 24hr Min	0514_01	From confluence with Sabine River to just upstream of FM 49	9	9	0	3.00	LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0514_01	From confluence with Sabine River to just upstream of FM 49	96	96	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0514_02	From just upstream of FM 49 to upper end of segment	17	17	2	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0514_01	From confluence with Sabine River to just upstream of FM 49	96	96	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0514_02	From just upstream of FM 49 to upper end of segment	17	17	4	5.00	AD	CS	CS		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: 0514 Big Sandy Creek**

**Water body type:** Freshwater Stream

**Water body size:** 58 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>Aquatic Life Use</b>												
<b>Toxic Substances in sediment</b>												
2006	Multiple	0514_01	From confluence with Sabine River to just upstream of FM 49	1	1	0		ID	NA	NA		No
2006	Multiple	0514_02	From just upstream of FM 49 to upper end of segment	1	1	0		ID	NA	NA		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0514_01	From confluence with Sabine River to just upstream of FM 49	5	5			LD	NC	NC		No
2006	Multiple	0514_02	From just upstream of FM 49 to upper end of segment	5	5			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: 0514 Big Sandy Creek**

**Water body type:** Freshwater Stream

**Water body size:** 58 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0514_01	From confluence with Sabine River to just upstream of FM 49	114	114		22.05	75.00	AD	FS	FS	No
2008	Chloride	0514_02	From just upstream of FM 49 to upper end of segment	114	114		22.05	75.00	AD	FS	FS	No
2008	Sulfate	0514_01	From confluence with Sabine River to just upstream of FM 49	113	113		21.12	50.00	AD	FS	FS	No
2008	Sulfate	0514_02	From just upstream of FM 49 to upper end of segment	113	113		21.12	50.00	AD	FS	FS	No
2008	Total Dissolved Solids	0514_01	From confluence with Sabine River to just upstream of FM 49	120	120		110.48	300.00	AD	FS	FS	No
2008	Total Dissolved Solids	0514_02	From just upstream of FM 49 to upper end of segment	120	120		110.48	300.00	AD	FS	FS	No
<b>High pH</b>												
2008	pH	0514_01	From confluence with Sabine River to just upstream of FM 49	98	98	0		8.50	AD	FS	FS	No
2008	pH	0514_02	From just upstream of FM 49 to upper end of segment	19	19	0		8.50	AD	FS	FS	No
<b>Low pH</b>												
2008	pH	0514_01	From confluence with Sabine River to just upstream of FM 49	98	98	6		6.00	AD	FS	FS	No
2008	pH	0514_02	From just upstream of FM 49 to upper end of segment	19	19	0		6.00	AD	FS	FS	No

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

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

### Segment ID: 0514 Big Sandy Creek

Water body type: Freshwater Stream

Water body size: 58 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	0514_01	From confluence with Sabine River to just upstream of FM 49	17	17	0	0.33	AD	NC	NC		No
2008	Ammonia	0514_02	From just upstream of FM 49 to upper end of segment	20	20	1	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0514_01	From confluence with Sabine River to just upstream of FM 49	11	11	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	0514_02	From just upstream of FM 49 to upper end of segment	20	20	4	14.10	AD	NC	NC		No
2008	Nitrate	0514_01	From confluence with Sabine River to just upstream of FM 49	89	89	0	1.95	AD	NC	NC		No
2008	Nitrate	0514_02	From just upstream of FM 49 to upper end of segment	19	19	1	1.95	AD	NC	NC		No
2008	Orthophosphorus	0514_01	From confluence with Sabine River to just upstream of FM 49	86	86	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0514_02	From just upstream of FM 49 to upper end of segment	19	19	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	0514_01	From confluence with Sabine River to just upstream of FM 49	10	10	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0514_02	From just upstream of FM 49 to upper end of segment	20	20	0	0.69	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0514_01	From confluence with Sabine River to just upstream of FM 49	99	99	0	32.20	AD	FS	FS		No
2008	Temperature	0514_02	From just upstream of FM 49 to upper end of segment	19	19	0	32.20	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: 0514 Big Sandy Creek

Water body type: Freshwater Stream

Water body size: 58 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	0514_01						OE	NC	NC		No
2008	Multiple	0514_02						OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0514_01						OE	FS	FS		No
2008	Multiple	0514_02						OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0514_01						OE	NC	NC		No
2008	Multiple	0514_02						OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	0514_01	79	79		4,000.00		AD	FS	FS		No
2006	Fluoride	0514_02	79	79		4,000.00		AD	FS	FS		No
2006	Multiple	0514_01	5	5				LD	NC	NC		No
2006	Multiple	0514_02	5	5				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: 0514 Big Sandy Creek

Water body type: Freshwater Stream

Water body size: 58 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	0514_01	From confluence with Sabine River to just upstream of FM 49	72	72	0	112.51	126.00	AD	FS	FS	No
2008	E. coli	0514_02	From just upstream of FM 49 to upper end of segment	18	18	1	175.21	126.00	AD	NS	NS	5c No
2008	Enterococcus	0514_01	From confluence with Sabine River to just upstream of FM 49	1	1	1	170.00	35.00	ID	NA	NA	No
2008	Fecal coliform	0514_01	From confluence with Sabine River to just upstream of FM 49	23	23	0	80.03	200.00	AD	FS	FS	No
2006	Fecal coliform	0514_02	From just upstream of FM 49 to upper end of segment	1	1		3.00	200.00	ID	NA	NA	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0514_01	From confluence with Sabine River to just upstream of FM 49	72	72	5		394.00	AD	FS	FS	No
2008	E. coli	0514_02	From just upstream of FM 49 to upper end of segment	18	18	4		394.00	AD	FS	FS	No
2008	Enterococcus	0514_01	From confluence with Sabine River to just upstream of FM 49	1	1	1		89.00	ID	NA	NA	No
2008	Fecal coliform	0514_01	From confluence with Sabine River to just upstream of FM 49	23	23	1		400.00	AD	FS	FS	No
2006	Fecal coliform	0514_02	From just upstream of FM 49 to upper end of segment	1	1	0		400.00	ID	NA	NA	No

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

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

### Segment ID: 0515 Lake Fork Creek

Water body type: Freshwater Stream

Water body size: 21 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Toxic Substances in water</b>												
2006	Multiple	0515_01	Entire segment	4	4	0		LD	NC	NC		No
<b>Chronic Toxic Substances in water</b>												
2006	Multiple	0515_01	Entire segment	4	4	0		LD	NC	NC		No
<b>Dissolved Oxygen grab minimum</b>												
2008	Dissolved Oxygen Grab	0515_01	Entire segment	84	84	0	3.00	AD	FS	FS		No
<b>Dissolved Oxygen grab screening level</b>												
2008	Dissolved Oxygen Grab	0515_01	Entire segment	84	84	0	5.00	AD	NC	NC		No
<b>Fish Consumption Use</b>												
<b>HH Bioaccumulative Toxics in water</b>												
2006	Multiple	0515_01	Entire segment	4	4			LD	NC	NC		No
<b>General Use</b>												
<b>Dissolved Solids</b>												
2008	Chloride	0515_01	Entire segment	83	83		27.90	AD	FS	FS		No
2008	Sulfate	0515_01	Entire segment	82	82		29.74	AD	FS	FS		No
2008	Total Dissolved Solids	0515_01	Entire segment	85	85		143.60	AD	FS	FS		No
<b>High pH</b>												
2008	pH	0515_01	Entire segment	84	84	0	8.50	AD	FS	FS		No
<b>Low pH</b>												
2008	pH	0515_01	Entire segment	84	84	0	6.00	AD	FS	FS		No
<b>Nutrient Screening Levels</b>												
2008	Ammonia	0515_01	Entire segment	7	7	0	0.33	LD	NC	NC		No
2008	Nitrate	0515_01	Entire segment	79	79	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0515_01	Entire segment	74	74	0	0.37	AD	NC	NC		No
<b>Water Temperature</b>												
2008	Temperature	0515_01	Entire segment	86	86	0	32.20	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: 0515 Lake Fork Creek

Water body type: Freshwater Stream

Water body size: 21 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Public Water Supply Use</b>												
<b>Finished Drinking Water Dissolved Solids average</b>												
2008	Multiple	0515_01	Entire segment					OE	NC	NC		No
<b>Finished Drinking Water MCLs and Toxic Substances running average</b>												
2008	Multiple	0515_01	Entire segment					OE	FS	FS		No
<b>Finished Drinking Water MCLs Concern</b>												
2008	Multiple	0515_01	Entire segment					OE	NC	NC		No
<b>Surface Water HH criteria for PWS average</b>												
2006	Fluoride	0515_01	Entire segment	59	59		4,000.00	AD	FS	FS		No
2006	Multiple	0515_01	Entire segment	4	4			LD	NC	NC		No
<b>Recreation Use</b>												
<b>Bacteria Geomean</b>												
2008	E. coli	0515_01	Entire segment	60	60	0	83.88	126.00	AD	FS	FS	No
2008	Fecal coliform	0515_01	Entire segment	20	20	0	97.00	200.00	AD	FS	FS	No
<b>Bacteria Single Sample</b>												
2008	E. coli	0515_01	Entire segment	60	60	6		394.00	AD	FS	FS	No
2008	Fecal coliform	0515_01	Entire segment	20	20	2		400.00	AD	FS	FS	No