

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID \*Note: Carry-forward refers to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 2006 to re-evaluate the level of support.

**Segment ID:** 1301      **Water body name:** San Bernard River Tidal

**Water body type:** Tidal Stream

**Water body size:** 32.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Acute Toxic Substances in water

|                       |         |                |   |   |   |    |    |    |  |    |
|-----------------------|---------|----------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1301_01 | Entire Segment | 1 | 1 | 0 | ID | NA | NA |  | No |
|-----------------------|---------|----------------|---|---|---|----|----|----|--|----|

#### Chronic Toxic Substances in water

|                       |         |                |   |   |  |    |    |    |  |    |
|-----------------------|---------|----------------|---|---|--|----|----|----|--|----|
| Multiple Constituents | 1301_01 | Entire Segment | 1 | 1 |  | ID | NA | NA |  | No |
|-----------------------|---------|----------------|---|---|--|----|----|----|--|----|

#### Dissolved Oxygen grab minimum

|                       |         |                |    |    |   |    |    |    |  |    |
|-----------------------|---------|----------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1301_01 | Entire Segment | 17 | 17 | 0 | AD | FS | FS |  | No |
|-----------------------|---------|----------------|----|----|---|----|----|----|--|----|

#### Dissolved Oxygen grab screening level

|                       |         |                |    |    |   |    |    |    |  |    |
|-----------------------|---------|----------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1301_01 | Entire Segment | 17 | 17 | 0 | AD | NC | NC |  | No |
|-----------------------|---------|----------------|----|----|---|----|----|----|--|----|

#### Toxic Substances in sediment

|                       |         |                |   |   |   |    |    |    |  |    |
|-----------------------|---------|----------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1301_01 | Entire Segment | 1 | 1 | 0 | ID | NA | NA |  | No |
|-----------------------|---------|----------------|---|---|---|----|----|----|--|----|

### Fish Consumption Use

#### HH Bioaccumulative Toxics in water

|                       |         |                |   |   |  |    |    |    |  |    |
|-----------------------|---------|----------------|---|---|--|----|----|----|--|----|
| Multiple Constituents | 1301_01 | Entire Segment | 2 | 2 |  | ID | NA | NA |  | No |
|-----------------------|---------|----------------|---|---|--|----|----|----|--|----|

### General Use

#### High pH

|    |         |                |    |    |   |    |    |    |  |    |
|----|---------|----------------|----|----|---|----|----|----|--|----|
| pH | 1301_01 | Entire Segment | 19 | 19 | 0 | AD | FS | FS |  | No |
|----|---------|----------------|----|----|---|----|----|----|--|----|

#### Low pH

|    |         |                |    |    |   |    |    |    |  |    |
|----|---------|----------------|----|----|---|----|----|----|--|----|
| pH | 1301_01 | Entire Segment | 19 | 19 | 0 | AD | FS | FS |  | No |
|----|---------|----------------|----|----|---|----|----|----|--|----|

#### Nutrient Screening Levels

|         |         |                |    |    |   |    |    |    |  |    |
|---------|---------|----------------|----|----|---|----|----|----|--|----|
| Ammonia | 1301_01 | Entire Segment | 20 | 20 | 0 | AD | NC | NC |  | No |
|---------|---------|----------------|----|----|---|----|----|----|--|----|

|               |         |                |    |    |   |    |    |    |  |    |
|---------------|---------|----------------|----|----|---|----|----|----|--|----|
| Chlorophyll-a | 1301_01 | Entire Segment | 20 | 20 | 4 | AD | CS | CS |  | No |
|---------------|---------|----------------|----|----|---|----|----|----|--|----|

|         |         |                |    |    |   |    |    |    |  |    |
|---------|---------|----------------|----|----|---|----|----|----|--|----|
| Nitrate | 1301_01 | Entire Segment | 19 | 19 | 1 | AD | NC | NC |  | No |
|---------|---------|----------------|----|----|---|----|----|----|--|----|

|                 |         |                |    |    |   |    |    |    |  |    |
|-----------------|---------|----------------|----|----|---|----|----|----|--|----|
| Orthophosphorus | 1301_01 | Entire Segment | 19 | 19 | 0 | AD | NC | NC |  | No |
|-----------------|---------|----------------|----|----|---|----|----|----|--|----|

|                  |         |                |    |    |   |    |    |    |  |    |
|------------------|---------|----------------|----|----|---|----|----|----|--|----|
| Total Phosphorus | 1301_01 | Entire Segment | 20 | 20 | 0 | AD | NC | NC |  | No |
|------------------|---------|----------------|----|----|---|----|----|----|--|----|

#### Water Temperature

|             |         |                |    |    |   |    |    |    |  |    |
|-------------|---------|----------------|----|----|---|----|----|----|--|----|
| Temperature | 1301_01 | Entire Segment | 19 | 19 | 0 | AD | FS | FS |  | No |
|-------------|---------|----------------|----|----|---|----|----|----|--|----|

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**Segment ID:** 1301      **Water body name:** San Bernard River Tidal

**Water body type:** Tidal Stream

**Water body size:** 32.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Recreation Use

#### **Bacteria Geomean**

|                |         |                |    |    |      |    |    |    |    |    |
|----------------|---------|----------------|----|----|------|----|----|----|----|----|
| Enterococcus   | 1301_01 | Entire Segment | 15 | 15 | 86.0 | AD | NS | NS | 5c | No |
| Fecal coliform | 1301_01 | Entire Segment | 13 | 13 |      | SM | FS | FS |    | No |

#### **Bacteria Single Sample**

|                |         |                |    |    |   |    |    |    |    |    |
|----------------|---------|----------------|----|----|---|----|----|----|----|----|
| Enterococcus   | 1301_01 | Entire Segment | 15 | 15 | 6 | AD | NS | NS | 5c | No |
| Fecal coliform | 1301_01 | Entire Segment | 13 | 13 | 2 | SM | FS | FS |    | No |

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**Segment ID:** 1302      **Water body name:** San Bernard River Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 107.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Acute Toxic Substances in water

|                       |         |   |   |   |   |    |    |    |  |    |
|-----------------------|---------|---|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1302_01 | Lower 25 miles of segment                                 | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013 | 1 | 1 | 0 | ID | NA | NA |  | No |

#### Chronic Toxic Substances in water

|                       |         |   |   |   |  |    |    |    |  |    |
|-----------------------|---------|---|---|---|--|----|----|----|--|----|
| Multiple Constituents | 1302_01 | Lower 25 miles of segment                                 | 2 | 2 |  | ID | NA | NA |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013 | 1 | 1 |  | ID | NA | NA |  | No |

#### Dissolved Oxygen 24hr average

|                       |         |   |   |   |   |    |    |    |  |    |
|-----------------------|---------|---|---|---|---|----|----|----|--|----|
| Dissolved Oxygen 24hr | 1302_01 | Lower 25 miles of segment                                     | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 2 | 2 | 1 | ID | NA | NA |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_04 | Upper 24 miles  | 2 | 2 | 0 | ID | NA | NA |  | No |

#### Dissolved Oxygen 24hr minimum

|                       |         |   |   |   |   |    |    |    |  |    |
|-----------------------|---------|---|---|---|---|----|----|----|--|----|
| Dissolved Oxygen 24hr | 1302_01 | Lower 25 miles of segment                                     | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_04 | Upper 24 miles  | 2 | 2 | 0 | ID | NA | NA |  | No |

#### Dissolved Oxygen grab minimum

|                       |         |   |    |    |   |    |    |    |  |    |
|-----------------------|---------|---|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1302_01 | Lower 25 miles of segment                                     | 38 | 38 | 0 | AD | FS | FS |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 0 | AD | FS | FS |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 12 | 12 | 0 | AD | FS | FS |  | No |
|                       | 1302_04 | Upper 24 miles  | 0  | 0  |   | ID | NA | NA |  | No |

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**Water body type:** Freshwater Stream

**Water body size:** 107.0 Miles

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|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Dissolved Oxygen grab screening level

|                       |         |   |    |    |   |    |    |    |  |    |
|-----------------------|---------|---|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1302_01 | Lower 25 miles of segment                                     | 38 | 38 | 2 | AD | NC | NC |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 4 | AD | CS | CS |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 12 | 12 | 2 | AD | NC | NC |  | No |
|                       | 1302_04 | Upper 24 miles  | 0  | 0  |   | ID | NA | NA |  | No |

#### Fish Community

|                |         |   |   |   |      |    |    |    |  |    |
|----------------|---------|---|---|---|------|----|----|----|--|----|
| Fish Community | 1302_01 | Lower 25 miles of segment                                     | 0 | 0 |      | ID | NA | NA |  | No |
|                | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 0 | 0 |      | ID | NA | NA |  | No |
|                | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 2 | 2 | 52.0 | AD | FS | FS |  | No |
|                | 1302_04 | Upper 24 miles  | 0 | 0 |      | ID | NA | NA |  | No |

#### Habitat

|         |         |   |   |   |      |    |    |    |  |    |
|---------|---------|---|---|---|------|----|----|----|--|----|
| Habitat | 1302_01 | Lower 25 miles of segment                                     | 0 | 0 |      | ID | NA | NA |  | No |
|         | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 0 | 0 |      | ID | NA | NA |  | No |
|         | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 2 | 2 | 24.0 | AD | FS | FS |  | No |
|         | 1302_04 | Upper 24 miles  | 0 | 0 |      | ID | NA | NA |  | No |

#### Macrobenthic Community

|                        |         |   |   |   |      |    |    |    |  |    |
|------------------------|---------|---|---|---|------|----|----|----|--|----|
| Macrobenthic Community | 1302_01 | Lower 25 miles of segment                                     | 0 | 0 |      | ID | NA | NA |  | No |
|                        | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 0 | 0 |      | ID | NA | NA |  | No |
|                        | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 2 | 2 | 39.0 | AD | FS | FS |  | No |
|                        | 1302_04 | Upper 24 miles  | 0 | 0 |      | ID | NA | NA |  | No |

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|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Toxic Substances in sediment

|                       |         |   |   |   |   |    |    |    |  |    |
|-----------------------|---------|---|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1302_01 | Lower 25 miles of segment                                     | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 2 | 2 | 0 | ID | NA | NA |  | No |
|                       | 1302_04 | Upper 24 miles  | 2 | 2 | 0 | ID | NA | NA |  | No |

### Fish Consumption Use

#### HH Bioaccumulative Toxics in water

|                       |         |   |   |   |  |    |    |    |  |    |
|-----------------------|---------|---|---|---|--|----|----|----|--|----|
| Multiple Constituents | 1302_01 | Lower 25 miles of segment                                     | 4 | 4 |  | LD | NC | NC |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 4 | 4 |  | LD | NC | NC |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 4 | 4 |  | LD | NC | NC |  | No |
|                       | 1302_04 | Upper 24 miles  | 4 | 4 |  | LD | NC | NC |  | No |

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|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### General Use

#### Dissolved Solids

|                        |         |   |   |     |       |    |    |    |    |    |    |
|------------------------|---------|---|---|-----|-------|----|----|----|----|----|----|
| Chloride               | 1302_01 | Lower 25 miles of segment                                     | 33  | 33  | 40.0  | AD | FS | FS |    | No |    |
|                        | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 33  | 33  | 40.0  | AD | FS | FS |    | No |    |
|                        | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 33  | 33  | 40.0  | AD | FS | FS |    | No |    |
|                        | 1302_04 | Upper 24 miles  | 33  | 33  | 40.0  | AD | FS | FS |    | No |    |
| Sulfate                | 1302_01 | Lower 25 miles of segment                                     | 33  | 33  | 13.0  | AD | FS | FS |    | No |    |
|                        | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 33  | 33  | 13.0  | AD | FS | FS |    | No |    |
|                        | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 33  | 33  | 13.0  | AD | FS | FS |    | No |    |
|                        | 1302_04 | Upper 24 miles  | 33  | 33  | 13.0  | AD | FS | FS |    | No |    |
| Total Dissolved Solids | 1302_01 | Lower 25 miles of segment                                     | 113   | 113 | 244.0 | AD | FS | FS |    | No |    |
|                        | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 113   | 113 | 244.0 | AD | FS | FS |    | No |    |
|                        | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 113   | 113 | 244.0 | AD | FS | FS |    | No |    |
|                        | 1302_04 | Upper 24 miles  | 113   | 113 | 244.0 | AD | FS | FS |    | No |    |
| High pH                | pH      | 1302_01   | Lower 25 miles of segment                                     | 40  | 40    | 0  | AD | FS | FS |    | No |
|                        |         | 1302_02   | 25 miles from just upstream of FM 442 to downstream of US 90A | 10  | 10    | 0  | AD | FS | FS |    | No |
|                        |         | 1302_03   | 25 miles from downstream of US 90A to upstream of FM 3013     | 13  | 13    | 0  | AD | FS | FS |    | No |
|                        |         | 1302_04   | Upper 24 miles  | 0   | 0     |    | ID | NA | NA |    | No |

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|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### General Use

#### Low pH

|    |         |   |    |    |   |    |    |    |  |    |
|----|---------|---|----|----|---|----|----|----|--|----|
| pH | 1302_01 | Lower 25 miles of segment                                     | 40 | 40 | 0 | AD | FS | FS |  | No |
|    | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 1 | AD | FS | FS |  | No |
|    | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 13 | 13 | 1 | AD | FS | FS |  | No |
|    | 1302_04 | Upper 24 miles  | 0  | 0  |   | ID | NA | NA |  | No |

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|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### General Use

#### **Nutrient Screening Levels**

|                  |         |   |    |    |   |    |    |    |  |    |
|------------------|---------|---|----|----|---|----|----|----|--|----|
| Ammonia          | 1302_01 | Lower 25 miles of segment                                     | 42 | 42 | 1 | AD | NC | NC |  | No |
|                  | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 0 | AD | NC | NC |  | No |
|                  | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 15 | 15 | 2 | AD | NC | NC |  | No |
|                  | 1302_04 | Upper 24 miles  | 2  | 2  | 2 | ID | CS | CS |  | No |
| Chlorophyll-a    | 1302_01 | Lower 25 miles of segment                                     | 42 | 42 | 1 | AD | NC | NC |  | No |
|                  | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 0 | AD | NC | NC |  | No |
|                  | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 15 | 15 | 2 | AD | NC | NC |  | No |
|                  | 1302_04 | Upper 24 miles  | 2  | 2  | 0 | ID | NA | NA |  | No |
| Nitrate          | 1302_01 | Lower 25 miles of segment                                     | 41 | 41 | 0 | AD | NC | NC |  | No |
|                  | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 0 | AD | NC | NC |  | No |
|                  | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 14 | 14 | 0 | AD | NC | NC |  | No |
|                  | 1302_04 | Upper 24 miles  | 1  | 1  | 0 | ID | NA | NA |  | No |
| Orthophosphorus  | 1302_01 | Lower 25 miles of segment                                     | 42 | 42 | 0 | AD | NC | NC |  | No |
|                  | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 0 | AD | NC | NC |  | No |
|                  | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 15 | 15 | 0 | AD | NC | NC |  | No |
|                  | 1302_04 | Upper 24 miles  | 2  | 2  | 0 | ID | NA | NA |  | No |
| Total Phosphorus | 1302_01 | Lower 25 miles of segment                                     | 42 | 42 | 0 | AD | NC | NC |  | No |
|                  | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 0 | AD | NC | NC |  | No |
|                  | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 15 | 15 | 0 | AD | NC | NC |  | No |
|                  | 1302_04 | Upper 24 miles  | 2  | 2  | 0 | ID | NA | NA |  | No |



## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1302      **Water body name:** San Bernard River Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 107.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### General Use

#### **Water Temperature**

|             |         |   |    |    |   |    |    |    |  |    |
|-------------|---------|---|----|----|---|----|----|----|--|----|
| Temperature | 1302_01 | Lower 25 miles of segment                                     | 48 | 48 | 0 | AD | FS | FS |  | No |
|             | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 0 | AD | FS | FS |  | No |
|             | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 13 | 13 | 0 | AD | FS | FS |  | No |
|             | 1302_04 | Upper 24 miles  | 0  | 0  |   | ID | NA | NA |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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**Segment ID:** 1302      **Water body name:** San Bernard River Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 107.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Public Water Supply Use

#### Finished Drinking Water Dissolved Solids average

|                       |         |   |  |  |  |    |    |    |  |    |
|-----------------------|---------|---|--|--|--|----|----|----|--|----|
| Multiple Constituents | 1302_01 | Lower 25 miles of segment                                     |  |  |  | OE | NC | NC |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A |  |  |  | OE | NC | NC |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     |  |  |  | OE | NC | NC |  | No |
|                       | 1302_04 | Upper 24 miles  |  |  |  | OE | NC | NC |  | No |

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

|                       |         |   |  |  |  |    |    |    |  |    |
|-----------------------|---------|---|--|--|--|----|----|----|--|----|
| Multiple Constituents | 1302_01 | Lower 25 miles of segment                                     |  |  |  | OE | FS | FS |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A |  |  |  | OE | FS | FS |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     |  |  |  | OE | FS | FS |  | No |
|                       | 1302_04 | Upper 24 miles  |  |  |  | OE | FS | FS |  | No |

#### Finished Drinking Water MCLs Concern

|                       |         |   |  |  |  |    |    |    |  |    |
|-----------------------|---------|---|--|--|--|----|----|----|--|----|
| Multiple Constituents | 1302_01 | Lower 25 miles of segment                                     |  |  |  | OE | NC | NC |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A |  |  |  | OE | NC | NC |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     |  |  |  | OE | NC | NC |  | No |
|                       | 1302_04 | Upper 24 miles  |  |  |  | OE | NC | NC |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1302      **Water body name:** San Bernard River Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 107.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Public Water Supply Use

#### Surface Water Dissolved Solids average

|                        |         |   |     |     |       |    |    |    |  |    |
|------------------------|---------|---|-----|-----|-------|----|----|----|--|----|
| Chloride               | 1302_01 | Lower 25 miles of segment                                     | 33  | 33  | 40.0  | AD | NC | NC |  | No |
|                        | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 33  | 33  | 40.0  | AD | NC | NC |  | No |
|                        | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 33  | 33  | 40.0  | AD | NC | NC |  | No |
|                        | 1302_04 | Upper 24 miles  | 33  | 33  | 40.0  | AD | NC | NC |  | No |
| Sulfate                | 1302_01 | Lower 25 miles of segment                                     | 33  | 33  | 13.0  | AD | NC | NC |  | No |
|                        | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 33  | 33  | 13.0  | AD | NC | NC |  | No |
|                        | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 33  | 33  | 13.0  | AD | NC | NC |  | No |
|                        | 1302_04 | Upper 24 miles  | 33  | 33  | 13.0  | AD | NC | NC |  | No |
| Total Dissolved Solids | 1302_01 | Lower 25 miles of segment                                     | 113 | 113 | 244.0 | AD | NC | NC |  | No |
|                        | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 113 | 113 | 244.0 | AD | NC | NC |  | No |
|                        | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 113 | 113 | 244.0 | AD | NC | NC |  | No |
|                        | 1302_04 | Upper 24 miles  | 113 | 113 | 244.0 | AD | NC | NC |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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**Segment ID:** 1302      **Water body name:** San Bernard River Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 107.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 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

|                       |         |   |    |    |  |    |    |    |  |    |
|-----------------------|---------|---|----|----|--|----|----|----|--|----|
| Fluoride              | 1302_01 | Lower 25 miles of segment                                     | 28 | 28 |  | AD | FS | FS |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 28 | 28 |  | AD | FS | FS |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 28 | 28 |  | AD | FS | FS |  | No |
|                       | 1302_04 | Upper 24 miles  | 28 | 28 |  | AD | FS | FS |  | No |
| Multiple Constituents | 1302_01 | Lower 25 miles of segment                                     | 4  | 4  |  | LD | NC | NC |  | No |
|                       | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 4  | 4  |  | LD | NC | NC |  | No |
|                       | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 4  | 4  |  | LD | NC | NC |  | No |
|                       | 1302_04 | Upper 24 miles  | 4  | 4  |  | LD | NC | NC |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1302      **Water body name:** San Bernard River Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 107.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Recreation Use

#### Bacteria Geomean

|         |         |   |    |    |  |       |    |    |    |    |    |
|---------|---------|---|----|----|--|-------|----|----|----|----|----|
| E. coli | 1302_01 | Lower 25 miles of segment                                     | 33 | 33 |  | 284.0 | AD | NS | NS | 5c | No |
|         | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 |  | 156.0 | AD | NS | NS | 5c | No |
|         | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 12 | 12 |  | 278.0 | AD | NS | NS | 5c | No |
|         | 1302_04 | Upper 24 miles  | 0  | 0  |  |       | ID | NA | NA |    | No |

#### Fecal coliform

|                |         |   |    |    |  |       |    |    |    |  |    |
|----------------|---------|---|----|----|--|-------|----|----|----|--|----|
| Fecal coliform | 1302_01 | Lower 25 miles of segment                                     | 33 | 33 |  | 171.0 | SM | FS | FS |  | No |
|                | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 |  | 231.0 | SM | NS | NS |  | No |
|                | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 6  | 6  |  | 437.0 | SM | CN | CN |  | No |
|                | 1302_04 | Upper 24 miles  | 0  | 0  |  |       | ID | NA | NA |  | No |

#### Bacteria Single Sample

|         |         |   |    |    |   |  |    |    |    |  |    |
|---------|---------|---|----|----|---|--|----|----|----|--|----|
| E. coli | 1302_01 | Lower 25 miles of segment                                     | 33 | 33 | 9 |  | AD | CN | CN |  | No |
|         | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 1 |  | AD | FS | FS |  | No |
|         | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 12 | 12 | 4 |  | AD | FS | FS |  | No |
|         | 1302_04 | Upper 24 miles  | 0  | 0  |   |  | ID | NA | NA |  | No |

#### Fecal coliform

|                |         |   |    |    |   |  |    |    |    |  |    |
|----------------|---------|---|----|----|---|--|----|----|----|--|----|
| Fecal coliform | 1302_01 | Lower 25 miles of segment                                     | 33 | 33 | 8 |  | SM | FS | FS |  | No |
|                | 1302_02 | 25 miles from just upstream of FM 442 to downstream of US 90A | 10 | 10 | 2 |  | SM | FS | FS |  | No |
|                | 1302_03 | 25 miles from downstream of US 90A to upstream of FM 3013     | 6  | 6  | 3 |  | SM | CN | CN |  | No |
|                | 1302_04 | Upper 24 miles  | 0  | 0  |   |  | ID | NA | NA |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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**Segment ID:** 1302A      **Water body name:** Gum Tree Branch (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 15.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Dissolved Oxygen grab minimum

|                       |          |                                    |    |    |   |    |    |    |  |    |
|-----------------------|----------|------------------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1302A_01 | The entire 15 miles of the segment | 10 | 10 | 0 | AD | FS | FS |  | No |
|-----------------------|----------|------------------------------------|----|----|---|----|----|----|--|----|

#### Dissolved Oxygen grab screening level

|                       |          |                                    |    |    |   |    |    |    |  |    |
|-----------------------|----------|------------------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1302A_01 | The entire 15 miles of the segment | 10 | 10 | 3 | AD | CS | CS |  | No |
|-----------------------|----------|------------------------------------|----|----|---|----|----|----|--|----|

### General Use

#### Nutrient Screening Levels

|                  |          |                                    |    |    |   |    |    |    |  |    |
|------------------|----------|------------------------------------|----|----|---|----|----|----|--|----|
| Ammonia          | 1302A_01 | The entire 15 miles of the segment | 10 | 10 | 0 | AD | NC | NC |  | No |
| Chlorophyll-a    | 1302A_01 | The entire 15 miles of the segment | 10 | 10 | 1 | AD | NC | NC |  | No |
| Nitrate          | 1302A_01 | The entire 15 miles of the segment | 7  | 7  | 0 | LD | NC | NC |  | No |
| Orthophosphorus  | 1302A_01 | The entire 15 miles of the segment | 10 | 10 | 0 | AD | NC | NC |  | No |
| Total Phosphorus | 1302A_01 | The entire 15 miles of the segment | 9  | 9  | 0 | LD | NC | NC |  | No |

### Recreation Use

#### Bacteria Geomean

|         |          |                                    |    |    |  |       |    |    |    |    |    |
|---------|----------|------------------------------------|----|----|--|-------|----|----|----|----|----|
| E. coli | 1302A_01 | The entire 15 miles of the segment | 10 | 10 |  | 215.0 | AD | NS | NS | 5c | No |
|---------|----------|------------------------------------|----|----|--|-------|----|----|----|----|----|

|                |          |                                    |    |    |  |       |    |    |    |    |    |
|----------------|----------|------------------------------------|----|----|--|-------|----|----|----|----|----|
| Fecal coliform | 1302A_01 | The entire 15 miles of the segment | 10 | 10 |  | 307.0 | SM | NS | NS | 5c | No |
|----------------|----------|------------------------------------|----|----|--|-------|----|----|----|----|----|

#### Bacteria Single Sample

|         |          |                                    |    |    |   |    |    |    |  |    |
|---------|----------|------------------------------------|----|----|---|----|----|----|--|----|
| E. coli | 1302A_01 | The entire 15 miles of the segment | 10 | 10 | 4 | AD | CN | CN |  | No |
|---------|----------|------------------------------------|----|----|---|----|----|----|--|----|

|                |          |                                    |    |    |   |    |    |    |  |    |
|----------------|----------|------------------------------------|----|----|---|----|----|----|--|----|
| Fecal coliform | 1302A_01 | The entire 15 miles of the segment | 10 | 10 | 4 | SM | CN | CN |  | No |
|----------------|----------|------------------------------------|----|----|---|----|----|----|--|----|

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1302B      **Water body name:** West Bernard Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 40.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Dissolved Oxygen 24hr average

|                       |          |                           |    |    |   |    |    |    |    |    |
|-----------------------|----------|---------------------------|----|----|---|----|----|----|----|----|
| Dissolved Oxygen 24hr | 1302B_01 | Lower 15 miles of segment | 12 | 12 | 6 | AD | NS | NS | 5c | No |
|-----------------------|----------|---------------------------|----|----|---|----|----|----|----|----|

#### Dissolved Oxygen 24hr minimum

|                       |          |                           |    |    |   |    |    |    |  |    |
|-----------------------|----------|---------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen 24hr | 1302B_01 | Lower 15 miles of segment | 12 | 12 | 0 | AD | FS | FS |  | No |
|-----------------------|----------|---------------------------|----|----|---|----|----|----|--|----|

#### Dissolved Oxygen grab minimum

|                       |          |                           |    |    |   |    |    |    |  |    |
|-----------------------|----------|---------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1302B_01 | Lower 15 miles of segment | 10 | 10 | 0 | AD | FS | FS |  | No |
|                       | 1302B_02 | Upper 25 miles of segment | 10 | 9  | 1 | LD | NC | NC |  | No |

#### Dissolved Oxygen grab screening level

|                       |          |                           |    |    |   |    |    |    |  |    |
|-----------------------|----------|---------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1302B_01 | Lower 15 miles of segment | 10 | 10 | 5 | AD | CS | CS |  | No |
|                       | 1302B_02 | Upper 25 miles of segment | 10 | 9  | 2 | LD | CS | CS |  | No |

### General Use

#### Nutrient Screening Levels

|                  |          |                           |    |    |   |    |    |    |  |    |
|------------------|----------|---------------------------|----|----|---|----|----|----|--|----|
| Ammonia          | 1302B_01 | Lower 15 miles of segment | 12 | 12 | 2 | AD | NC | NC |  | No |
|                  | 1302B_02 | Upper 25 miles of segment | 10 | 10 | 2 | AD | NC | NC |  | No |
| Chlorophyll-a    | 1302B_01 | Lower 15 miles of segment | 11 | 11 | 2 | AD | NC | NC |  | No |
|                  | 1302B_02 | Upper 25 miles of segment | 10 | 10 | 0 | AD | NC | NC |  | No |
| Nitrate          | 1302B_01 | Lower 15 miles of segment | 12 | 12 | 2 | AD | NC | NC |  | No |
|                  | 1302B_02 | Upper 25 miles of segment | 10 | 10 | 0 | AD | NC | NC |  | No |
| Orthophosphorus  | 1302B_01 | Lower 15 miles of segment | 11 | 11 | 0 | AD | NC | NC |  | No |
|                  | 1302B_02 | Upper 25 miles of segment | 10 | 10 | 0 | AD | NC | NC |  | No |
| Total Phosphorus | 1302B_01 | Lower 15 miles of segment | 12 | 12 | 0 | AD | NC | NC |  | No |
|                  | 1302B_02 | Upper 25 miles of segment | 10 | 10 | 0 | AD | NC | NC |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1302B      **Water body name:** West Bernard Creek (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 40.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Recreation Use

#### Bacteria Geomean

|                |          |                           |    |    |  |       |    |    |    |    |    |
|----------------|----------|---------------------------|----|----|--|-------|----|----|----|----|----|
| E. coli        | 1302B_02 | Upper 25 miles of segment | 10 | 10 |  | 328.0 | AD | NS | NS | 5c | No |
| Fecal coliform | 1302B_02 | Upper 25 miles of segment | 10 | 10 |  | 444.0 | SM | NS | NS | 5c | No |

#### Bacteria Single Sample

|                |          |                           |    |    |   |  |    |    |    |    |    |
|----------------|----------|---------------------------|----|----|---|--|----|----|----|----|----|
| E. coli        | 1302B_02 | Upper 25 miles of segment | 10 | 10 | 5 |  | AD | NS | NS | 5c | No |
| Fecal coliform | 1302B_02 | Upper 25 miles of segment | 10 | 10 | 6 |  | SM | NS | NS | 5c | No |



## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1304      **Water body name:** Caney Creek Tidal

**Water body type:** Tidal Stream

**Water body size:** 32.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Acute Toxic Substances in water

|                       |         |                           |   |   |   |    |    |    |  |    |
|-----------------------|---------|---------------------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1304_01 | Lower 25 miles of segment | 1 | 1 | 0 | ID | NA | NA |  | No |
|                       | 1304_02 | Upper 7 miles of segment  | 2 | 2 | 0 | ID | NA | NA |  | No |

#### Chronic Toxic Substances in water

|                       |         |                           |   |   |  |    |    |    |  |    |
|-----------------------|---------|---------------------------|---|---|--|----|----|----|--|----|
| Multiple Constituents | 1304_01 | Lower 25 miles of segment | 1 | 1 |  | ID | NA | NA |  | No |
|                       | 1304_02 | Upper 7 miles of segment  | 2 | 2 |  | ID | NA | NA |  | No |

#### Dissolved Oxygen 24hr average

|                       |         |                           |   |   |   |    |    |    |  |    |
|-----------------------|---------|---------------------------|---|---|---|----|----|----|--|----|
| Dissolved Oxygen 24hr | 1304_01 | Lower 25 miles of segment | 4 | 4 | 1 | LD | NC | NC |  | No |
|                       | 1304_02 | Upper 7 miles of segment  | 0 | 0 |   | ID | NA | NA |  | No |

#### Dissolved Oxygen 24hr minimum

|                       |         |                           |   |   |   |    |    |    |  |    |
|-----------------------|---------|---------------------------|---|---|---|----|----|----|--|----|
| Dissolved Oxygen 24hr | 1304_01 | Lower 25 miles of segment | 4 | 4 | 1 | LD | NC | NC |  | No |
|                       | 1304_02 | Upper 7 miles of segment  | 0 | 0 |   | ID | NA | NA |  | No |

#### Dissolved Oxygen grab minimum

|                       |         |                           |    |    |   |    |    |    |  |    |
|-----------------------|---------|---------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1304_01 | Lower 25 miles of segment | 54 | 54 | 3 | AD | FS | FS |  | No |
|                       | 1304_02 | Upper 7 miles of segment  | 3  | 3  | 0 | ID | NA | NA |  | No |

#### Dissolved Oxygen grab screening level

|                       |         |                           |    |    |   |    |    |    |  |    |
|-----------------------|---------|---------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1304_01 | Lower 25 miles of segment | 54 | 54 | 8 | AD | CS | CS |  | No |
|                       | 1304_02 | Upper 7 miles of segment  | 3  | 3  | 0 | ID | NA | NA |  | No |

#### Fish Community

|                |         |                          |   |   |  |    |    |    |  |    |
|----------------|---------|--------------------------|---|---|--|----|----|----|--|----|
| Fish Community | 1304_02 | Upper 7 miles of segment | 0 | 0 |  | ID | NA | NA |  | No |
|----------------|---------|--------------------------|---|---|--|----|----|----|--|----|

#### Habitat

|         |         |                           |   |   |  |    |    |    |  |    |
|---------|---------|---------------------------|---|---|--|----|----|----|--|----|
| Habitat | 1304_01 | Lower 25 miles of segment | 0 | 0 |  | ID | NA | NA |  | No |
|         | 1304_02 | Upper 7 miles of segment  | 0 | 0 |  | ID | NA | NA |  | No |

#### Macrobenthic Community

|                        |         |                           |   |   |  |    |    |    |  |    |
|------------------------|---------|---------------------------|---|---|--|----|----|----|--|----|
| Macrobenthic Community | 1304_01 | Lower 25 miles of segment | 0 | 0 |  | ID | NA | NA |  | No |
|                        | 1304_02 | Upper 7 miles of segment  | 0 | 0 |  | ID | NA | NA |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1304      **Water body name:** Caney Creek Tidal

**Water body type:** Tidal Stream

**Water body size:** 32.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Toxic Substances in sediment

|                       |         |                           |   |   |   |    |    |    |  |    |
|-----------------------|---------|---------------------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1304_01 | Lower 25 miles of segment | 4 | 4 | 0 | LD | NC | NC |  | No |
|                       | 1304_02 | Upper 7 miles of segment  | 4 | 4 | 0 | LD | NC | NC |  | No |

### Fish Consumption Use

#### Bioaccumulative Toxics in fish tissue

|                       |         |                          |   |   |  |    |    |    |  |    |
|-----------------------|---------|--------------------------|---|---|--|----|----|----|--|----|
| Multiple Constituents | 1304_02 | Upper 7 miles of segment | 0 | 0 |  | ID | NA | NA |  | No |
|-----------------------|---------|--------------------------|---|---|--|----|----|----|--|----|

#### HH Bioaccumulative Toxics in water

|                       |         |                           |   |   |  |    |    |    |  |    |
|-----------------------|---------|---------------------------|---|---|--|----|----|----|--|----|
| Multiple Constituents | 1304_01 | Lower 25 miles of segment | 3 | 3 |  | ID | NA | NA |  | No |
|                       | 1304_02 | Upper 7 miles of segment  | 3 | 3 |  | ID | NA | NA |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1304      **Water body name:** Caney Creek Tidal

**Water body type:** Tidal Stream

**Water body size:** 32.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### General Use

#### High pH

|    |         |                           |    |    |   |    |    |    |  |    |
|----|---------|---------------------------|----|----|---|----|----|----|--|----|
| pH | 1304_01 | Lower 25 miles of segment | 55 | 55 | 0 | AD | FS | FS |  | No |
|    | 1304_02 | Upper 7 miles of segment  | 4  | 4  |   | TR | NA | NA |  | No |

#### Low pH

|    |         |                           |    |    |   |    |    |    |  |    |
|----|---------|---------------------------|----|----|---|----|----|----|--|----|
| pH | 1304_01 | Lower 25 miles of segment | 55 | 55 | 0 | AD | FS | FS |  | No |
|    | 1304_02 | Upper 7 miles of segment  | 4  | 4  |   | TR | NA | NA |  | No |

#### Nutrient Screening Levels

|                  |         |                           |    |    |    |    |    |    |  |    |
|------------------|---------|---------------------------|----|----|----|----|----|----|--|----|
| Ammonia          | 1304_01 | Lower 25 miles of segment | 49 | 49 | 4  | AD | NC | NC |  | No |
|                  | 1304_02 | Upper 7 miles of segment  | 4  | 4  | 0  | TR | NA | NA |  | No |
| Chlorophyll-a    | 1304_01 | Lower 25 miles of segment | 49 | 49 | 11 | AD | NC | NC |  | No |
|                  | 1304_02 | Upper 7 miles of segment  | 9  | 9  | 0  | LD | NC | NC |  | No |
| Nitrate          | 1304_01 | Lower 25 miles of segment | 47 | 47 | 10 | AD | NC | NC |  | No |
|                  | 1304_02 | Upper 7 miles of segment  | 9  | 9  | 4  | LD | CS | CS |  | No |
| Orthophosphorus  | 1304_01 | Lower 25 miles of segment | 48 | 48 | 2  | AD | NC | NC |  | No |
|                  | 1304_02 | Upper 7 miles of segment  | 9  | 9  | 0  | LD | NC | NC |  | No |
| Total Phosphorus | 1304_01 | Lower 25 miles of segment | 50 | 50 | 1  | AD | NC | NC |  | No |
|                  | 1304_02 | Upper 7 miles of segment  | 4  | 4  | 0  | TR | NA | NA |  | No |

#### Water Temperature

|             |         |                           |    |    |   |    |    |    |  |    |
|-------------|---------|---------------------------|----|----|---|----|----|----|--|----|
| Temperature | 1304_01 | Lower 25 miles of segment | 56 | 56 | 0 | AD | FS | FS |  | No |
|             | 1304_02 | Upper 7 miles of segment  | 4  | 4  |   | TR | NA | NA |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1304      **Water body name:** Caney Creek Tidal

**Water body type:** Tidal Stream

**Water body size:** 32.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Recreation Use

#### Bacteria Geomean

|                |         |                           |    |    |      |    |    |    |    |    |
|----------------|---------|---------------------------|----|----|------|----|----|----|----|----|
| Enterococcus   | 1304_01 | Lower 25 miles of segment | 32 | 32 | 77.0 | AD | NS | NS | 5c | No |
|                | 1304_02 | Upper 7 miles of segment  | 2  | 2  | 31.0 | ID | NA | NA |    | No |
| Fecal coliform | 1304_01 | Lower 25 miles of segment | 23 | 23 | 96.0 | AD | FS | FS |    | No |
|                | 1304_02 | Upper 7 miles of segment  | 0  | 0  |      | ID | NA | NA |    | No |

#### Bacteria Single Sample

|                |         |                           |    |    |    |    |    |    |    |    |
|----------------|---------|---------------------------|----|----|----|----|----|----|----|----|
| Enterococcus   | 1304_01 | Lower 25 miles of segment | 32 | 32 | 15 | AD | NS | NS | 5c | No |
|                | 1304_02 | Upper 7 miles of segment  | 2  | 2  | 0  | ID | NA | NA |    | No |
| Fecal coliform | 1304_01 | Lower 25 miles of segment | 23 | 23 | 3  | AD | FS | FS |    | No |
|                | 1304_02 | Upper 7 miles of segment  | 0  | 0  |    | ID | NA | NA |    | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1304A      **Water body name:** Linnville Bayou (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 23.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Acute Toxic Substances in water

|                       |          |                   |   |   |   |    |    |    |  |    |
|-----------------------|----------|-------------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1304A_01 | Entire water body | 4 | 4 | 0 | LD | NC | NC |  | No |
|-----------------------|----------|-------------------|---|---|---|----|----|----|--|----|

#### Chronic Toxic Substances in water

|                       |          |                   |   |   |   |    |    |    |  |    |
|-----------------------|----------|-------------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1304A_01 | Entire water body | 4 | 4 | 0 | LD | NC | NC |  | No |
|-----------------------|----------|-------------------|---|---|---|----|----|----|--|----|

#### Dissolved Oxygen 24hr average

|                       |          |                   |   |   |  |    |    |    |  |    |
|-----------------------|----------|-------------------|---|---|--|----|----|----|--|----|
| Dissolved Oxygen 24hr | 1304A_01 | Entire water body | 0 | 0 |  | ID | NA | NA |  | No |
|-----------------------|----------|-------------------|---|---|--|----|----|----|--|----|

#### Dissolved Oxygen 24hr minimum

|                       |          |                   |   |   |  |    |    |    |  |    |
|-----------------------|----------|-------------------|---|---|--|----|----|----|--|----|
| Dissolved Oxygen 24hr | 1304A_01 | Entire water body | 0 | 0 |  | ID | NA | NA |  | No |
|-----------------------|----------|-------------------|---|---|--|----|----|----|--|----|

#### Dissolved Oxygen grab minimum

|                       |          |                   |    |    |   |    |    |    |  |    |
|-----------------------|----------|-------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1304A_01 | Entire water body | 17 | 17 | 0 | AD | FS | FS |  | No |
|-----------------------|----------|-------------------|----|----|---|----|----|----|--|----|

#### Dissolved Oxygen grab screening level

|                       |          |                   |    |    |   |    |    |    |  |    |
|-----------------------|----------|-------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1304A_01 | Entire water body | 17 | 17 | 0 | AD | NC | NC |  | No |
|-----------------------|----------|-------------------|----|----|---|----|----|----|--|----|

#### Fish Community

|                |          |                   |   |   |  |    |    |    |  |    |
|----------------|----------|-------------------|---|---|--|----|----|----|--|----|
| Fish Community | 1304A_01 | Entire water body | 0 | 0 |  | ID | NA | NA |  | No |
|----------------|----------|-------------------|---|---|--|----|----|----|--|----|

#### Habitat

|         |          |                   |   |   |  |    |    |    |  |    |
|---------|----------|-------------------|---|---|--|----|----|----|--|----|
| Habitat | 1304A_01 | Entire water body | 0 | 0 |  | ID | NA | NA |  | No |
|---------|----------|-------------------|---|---|--|----|----|----|--|----|

#### Macrobenthic Community

|                        |          |                   |   |   |  |    |    |    |  |    |
|------------------------|----------|-------------------|---|---|--|----|----|----|--|----|
| Macrobenthic Community | 1304A_01 | Entire water body | 0 | 0 |  | ID | NA | NA |  | No |
|------------------------|----------|-------------------|---|---|--|----|----|----|--|----|

### Fish Consumption Use

#### HH Bioaccumulative Toxics in water

|                       |          |                   |   |   |  |     |    |    |    |    |
|-----------------------|----------|-------------------|---|---|--|-----|----|----|----|----|
| Multiple Constituents | 1304A_01 | Entire water body | 4 | 4 |  | 0.0 | LD | NC | NC | No |
|-----------------------|----------|-------------------|---|---|--|-----|----|----|----|----|

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1304A      **Water body name:** Linnville Bayou (unclassified water body)

**Water body type:** Freshwater Stream

**Water body size:** 23.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### General Use

#### Nutrient Screening Levels

|                  |          |                   |    |    |    |    |    |    |  |    |
|------------------|----------|-------------------|----|----|----|----|----|----|--|----|
| Ammonia          | 1304A_01 | Entire water body | 20 | 20 | 4  | AD | NC | NC |  | No |
| Chlorophyll-a    | 1304A_01 | Entire water body | 20 | 20 | 3  | AD | NC | NC |  | No |
| Nitrate          | 1304A_01 | Entire water body | 19 | 19 | 11 | AD | CS | CS |  | No |
| Orthophosphorus  | 1304A_01 | Entire water body | 19 | 19 | 5  | AD | NC | NC |  | No |
| Total Phosphorus | 1304A_01 | Entire water body | 20 | 20 | 5  | AD | NC | NC |  | No |

### Recreation Use

#### Bacteria Geomean

|                |          |                   |    |    |  |      |    |    |    |  |    |
|----------------|----------|-------------------|----|----|--|------|----|----|----|--|----|
| E. coli        | 1304A_01 | Entire water body | 11 | 11 |  | 95.0 | AD | FS | FS |  | No |
| Fecal coliform | 1304A_01 | Entire water body | 13 | 13 |  | 40.0 | AD | FS | FS |  | No |

#### Bacteria Single Sample

|                |          |                   |    |    |   |  |    |    |    |  |    |
|----------------|----------|-------------------|----|----|---|--|----|----|----|--|----|
| E. coli        | 1304A_01 | Entire water body | 11 | 11 | 1 |  | AD | FS | FS |  | No |
| Fecal coliform | 1304A_01 | Entire water body | 13 | 13 | 1 |  | AD | FS | FS |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1305      **Water body name:** Caney Creek Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 98.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### Aquatic Life Use

#### Acute Toxic Substances in water

|                       |         |                            |   |   |   |    |    |    |  |    |
|-----------------------|---------|----------------------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1305_02 | 25 miles surrounding SH 35 | 4 | 4 | 0 | LD | NC | NC |  | No |
|-----------------------|---------|----------------------------|---|---|---|----|----|----|--|----|

#### Chronic Toxic Substances in water

|                       |         |                            |   |   |   |    |    |    |  |    |
|-----------------------|---------|----------------------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1305_02 | 25 miles surrounding SH 35 | 4 | 4 | 0 | LD | NC | NC |  | No |
|-----------------------|---------|----------------------------|---|---|---|----|----|----|--|----|

#### Dissolved Oxygen 24hr average

|                       |         |                            |   |   |   |    |    |    |    |    |
|-----------------------|---------|----------------------------|---|---|---|----|----|----|----|----|
| Dissolved Oxygen 24hr | 1305_02 | 25 miles surrounding SH 35 | 4 | 4 | 3 | LD | NS | NS | 5b | No |
|                       | 1305_03 | Upper 55 miles of segment  | 4 | 4 | 2 | LD | CN | CN |    | No |

#### Dissolved Oxygen 24hr minimum

|                       |         |                            |   |   |   |    |    |    |  |    |
|-----------------------|---------|----------------------------|---|---|---|----|----|----|--|----|
| Dissolved Oxygen 24hr | 1305_02 | 25 miles surrounding SH 35 | 4 | 4 | 0 | LD | NC | NC |  | No |
|                       | 1305_03 | Upper 55 miles of segment  | 4 | 4 | 1 | LD | NC | NC |  | No |

#### Dissolved Oxygen grab minimum

|                       |         |                            |    |    |   |    |    |    |  |    |
|-----------------------|---------|----------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1305_02 | 25 miles surrounding SH 35 | 19 | 19 | 1 | AD | FS | FS |  | No |
|                       | 1305_03 | Upper 55 miles of segment  | 1  | 1  | 0 | ID | NA | NA |  | No |

#### Dissolved Oxygen grab screening level

|                       |         |                            |    |    |   |    |    |    |  |    |
|-----------------------|---------|----------------------------|----|----|---|----|----|----|--|----|
| Dissolved Oxygen Grab | 1305_02 | 25 miles surrounding SH 35 | 19 | 19 | 6 | AD | CS | CS |  | No |
|                       | 1305_03 | Upper 55 miles of segment  | 1  | 1  | 1 | ID | NA | NA |  | No |

#### Toxic Substances in sediment

|                       |         |                            |   |   |   |    |    |    |  |    |
|-----------------------|---------|----------------------------|---|---|---|----|----|----|--|----|
| Multiple Constituents | 1305_01 | Lower 18 miles of segment  | 3 | 3 | 1 | ID | NA | NA |  | No |
|                       | 1305_02 | 25 miles surrounding SH 35 | 3 | 3 | 1 | ID | NA | NA |  | No |
|                       | 1305_03 | Upper 55 miles of segment  | 3 | 3 | 1 | ID | NA | NA |  | No |

### Fish Consumption Use

#### HH Bioaccumulative Toxics in water

|                       |         |                            |   |   |  |    |    |    |  |    |
|-----------------------|---------|----------------------------|---|---|--|----|----|----|--|----|
| Multiple Constituents | 1305_01 | Lower 18 miles of segment  | 4 | 4 |  | LD | NC | NC |  | No |
|                       | 1305_02 | 25 miles surrounding SH 35 | 4 | 4 |  | LD | NC | NC |  | No |
|                       | 1305_03 | Upper 55 miles of segment  | 4 | 4 |  | LD | NC | NC |  | No |

## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

**2006 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 2006 to re-evaluate the level of support.

**Segment ID:** 1305      **Water body name:** Caney Creek Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 98.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### General Use

#### Dissolved Solids

|                        |         |                            |    |    |       |    |    |    |  |    |
|------------------------|---------|----------------------------|----|----|-------|----|----|----|--|----|
| Chloride               | 1305_01 | Lower 18 miles of segment  | 30 | 30 | 36.0  | AD | FS | FS |  | No |
|                        | 1305_02 | 25 miles surrounding SH 35 | 30 | 30 | 36.0  | AD | FS | FS |  | No |
|                        | 1305_03 | Upper 55 miles of segment  | 30 | 30 | 36.0  | AD | FS | FS |  | No |
| Sulfate                | 1305_01 | Lower 18 miles of segment  | 30 | 30 | 15.0  | AD | FS | FS |  | No |
|                        | 1305_02 | 25 miles surrounding SH 35 | 30 | 30 | 15.0  | AD | FS | FS |  | No |
|                        | 1305_03 | Upper 55 miles of segment  | 30 | 30 | 15.0  | AD | FS | FS |  | No |
| Total Dissolved Solids | 1305_01 | Lower 18 miles of segment  | 39 | 39 | 306.0 | AD | FS | FS |  | No |
|                        | 1305_02 | 25 miles surrounding SH 35 | 39 | 39 | 306.0 | AD | FS | FS |  | No |
|                        | 1305_03 | Upper 55 miles of segment  | 39 | 39 | 306.0 | AD | FS | FS |  | No |

#### High pH

|    |         |                            |    |    |   |    |    |    |  |    |
|----|---------|----------------------------|----|----|---|----|----|----|--|----|
| pH | 1305_02 | 25 miles surrounding SH 35 | 21 | 21 | 0 | AD | FS | FS |  | No |
|    | 1305_03 | Upper 55 miles of segment  | 1  | 1  | 0 | ID | NA | NA |  | No |

#### Low pH

|    |         |                            |    |    |   |    |    |    |  |    |
|----|---------|----------------------------|----|----|---|----|----|----|--|----|
| pH | 1305_02 | 25 miles surrounding SH 35 | 21 | 21 | 0 | AD | FS | FS |  | No |
|    | 1305_03 | Upper 55 miles of segment  | 1  | 1  | 0 | ID | NA | NA |  | No |

#### Nutrient Screening Levels

|                  |         |                            |    |    |   |    |    |    |  |    |
|------------------|---------|----------------------------|----|----|---|----|----|----|--|----|
| Ammonia          | 1305_01 | Lower 18 miles of segment  | 4  | 4  | 1 | LD | NC | NC |  | No |
|                  | 1305_02 | 25 miles surrounding SH 35 | 26 | 26 | 2 | AD | NC | NC |  | No |
| Chlorophyll-a    | 1305_01 | Lower 18 miles of segment  | 4  | 4  | 0 | LD | NC | NC |  | No |
|                  | 1305_02 | 25 miles surrounding SH 35 | 26 | 26 | 0 | AD | NC | NC |  | No |
| Nitrate          | 1305_01 | Lower 18 miles of segment  | 4  | 4  | 0 | LD | NC | NC |  | No |
|                  | 1305_02 | 25 miles surrounding SH 35 | 25 | 25 | 3 | AD | NC | NC |  | No |
| Orthophosphorus  | 1305_01 | Lower 18 miles of segment  | 4  | 4  | 2 | LD | CS | CS |  | No |
|                  | 1305_02 | 25 miles surrounding SH 35 | 25 | 25 | 7 | AD | NC | NC |  | No |
| Total Phosphorus | 1305_01 | Lower 18 miles of segment  | 4  | 4  | 0 | LD | NC | NC |  | No |
|                  | 1305_02 | 25 miles surrounding SH 35 | 26 | 26 | 5 | AD | NC | NC |  | No |



## 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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**Segment ID:** 1305      **Water body name:** Caney Creek Above Tidal

**Water body type:** Freshwater Stream

**Water body size:** 98.0 Miles

| <u>AU ID</u> | <u>Assessment Area (AU)</u> | <u># of Samples</u> | <u># Assessed</u> | <u># of Exc</u> | <u>Mean of Samples</u> | <u>Dataset Qualifier</u> | <u>2006 Supp</u> | <u>Integ Supp</u> | <u>Imp Category</u> | <u>Carry Forward</u> |
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|
|--------------|-----------------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|------------------|-------------------|---------------------|----------------------|

### General Use

#### Water Temperature

|             |         |                            |    |    |   |    |    |    |  |    |
|-------------|---------|----------------------------|----|----|---|----|----|----|--|----|
| Temperature | 1305_02 | 25 miles surrounding SH 35 | 21 | 21 | 0 | AD | FS | FS |  | No |
|             | 1305_03 | Upper 55 miles of segment  | 1  | 1  | 0 | ID | NA | NA |  | No |

### Recreation Use

#### Bacteria Geomean

|                |         |                            |    |    |       |    |    |    |    |    |
|----------------|---------|----------------------------|----|----|-------|----|----|----|----|----|
| E. coli        | 1305_02 | 25 miles surrounding SH 35 | 16 | 16 | 131.0 | AD | NS | NS | 5c | No |
| Fecal coliform | 1305_01 | Lower 18 miles of segment  | 1  | 1  | 5.0   | ID | NA | NA |    | No |
|                | 1305_02 | 25 miles surrounding SH 35 | 13 | 13 | 140.0 | SM | FS | FS |    | No |

#### Bacteria Single Sample

|                |         |                            |    |    |   |    |    |    |  |    |
|----------------|---------|----------------------------|----|----|---|----|----|----|--|----|
| E. coli        | 1305_02 | 25 miles surrounding SH 35 | 16 | 16 | 2 | AD | FS | FS |  | No |
| Fecal coliform | 1305_01 | Lower 18 miles of segment  | 1  | 1  | 0 | ID | NA | NA |  | No |
|                | 1305_02 | 25 miles surrounding SH 35 | 13 | 13 | 1 | SM | FS | FS |  | No |