# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

| Report Abbreviations | Description: |
|---|---|
| **SEGID:** | Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc. |
| **AUID:** | Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID. |
| **ASMT Start Date:** | The start date of the period of record data for this method was selected; the official 2012 period of record is from 12/1/2003 to 11/30/2010. Assessors have the option of going back 10 years (12/1/2000) to select more data, according to assessment guidance. |
| **ASMT End Date** | The end date of the period of record data for this method was selected; the official 2012 period of record dates are 12/1/2003 to 11/30/2010. Assessors have the option of including more recently collected data than 12/01/2010, if available. |
| **# Assd:** | Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as low flow. |
| **Mean Assd:** | Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria. |
| **# Exceed:** | The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data). |
| **Mean Exceed:** | This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data). |
| **Criteria:** | Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criteria and not all criteria could be reported here, only the minimum in the range of criteria calculated are included. |
| **DS Qual:** | *Dataset Qualifier - indicates sample sizes:*<br>**AD** = Adequate Data (10 or more samples)<br>**LD** = Limited Data (less than 9, greater than 3)<br>**ID** = Inadequate Data (less than 4)<br>**JQ** = Level of support is based on judgment of the assessor<br>**SM** = This assessment method is superseded by another method<br>**TR** = Temporally Not Representative, used with NA<br>**SR** = Spatially Not Representative, used with NA<br>**OE** = Other information than ambient samples evaluated, generally information is provided by outside entity |
| **LOS:** | *Level of support for this use, method, assessment parameter:*<br>**FS** = Fully Supporting<br>**NC** = No Concern<br>**NA** = Not Assessed<br>**NS** = Nonsupport<br>**CS** = Screening Level Concern<br>**CN** = Use Concern |
| **CF:** | Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment. |
| **Int LOS:** | Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue |
| **TCEQ Cause** | This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.) |
| **Cat:** | *This is the assessment category assigned to this impairment. Subcategories as follows:*<br>**Category 4**: Standard is not supported or is threatened for one or more designated uses but does not require the development of a TMDL.<br>**4a** - TMDL has been completed and approved by EPA.Category.<br>**4b** - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.<br>**4c** - Nonsupport of the water quality standard is not caused by a pollutant. |
| | **Category 5**: The water body does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.<br>**5a** - A TMDL is underway, scheduled, or will be scheduled.<br>**5b** - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.<br>**5c** - Additional data and information will be collected before a TMDL is scheduled. |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0801 Trinity River Tidal

### AUID 0801_01 Lower 25 miles of segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 77 | | 3 | 2.96 | 4.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 77 | | 2 | 2.54 | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | Enterococcus | 12/1/2003 | 11/30/2010 | 27 | 12.75 | 0 | | 35.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 78 | | 0 | | 35.00 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 77 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 77 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 59 | | 0 | | 1.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 0.46 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 0.46 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 74 | | 1 | 0.71 | 0.66 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 74 | | 25 | 30.9 | 21.00 | AD | CS | ☐ | CS | chlorophyll-a | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0801A Lost River (unclassified water body)

### AUID 0801A_01 Entire Segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 4.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 18 | | 1 | 2.86 | 3.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 1.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 0.46 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 0.46 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 0.66 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 18 | | 5 | 33 | 21.00 | AD | NC | ☐ | NC | | |

## SEGID 0801B Old River (unclassified water body)

### AUID 0801B_01 Entire Segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 2 | 2.35 | 4.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 1 | 1.7 | 3.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 66 | | 33 | 41.06 | 21.00 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 54 | | 1 | 1.21 | 1.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 0.46 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 73 | | 0 | | 0.66 | AD | NC | ☐ | NC | | |

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## SEGID 0801C Cotton Bayou (unclassified water body)

### AUID 0801C_01 Entire Segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 54 | | 7 | 2.86 | 4.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 54 | | 4 | 2.38 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 11 | | 1 | 3 | 4.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 11 | | 2 | 2.25 | 3.00 | AD | FS | ☐ | FS | | |
| Habitat | Habitat | 12/1/2003 | 11/30/2010 | 3 | 14.30 | 3 | 14.3 | 20.00 | AD | CS | ☐ | CS | impaired habitat | |
| Macrobenthic Community | Choose a Parameter | 12/1/2003 | 11/30/2010 | 3 | 29.80 | 2 | 27.5 | 29.00 | AD | FS | ☐ | FS | | |
| Fish Community | Fish Community | 12/1/2003 | 11/30/2010 | 3 | 39.20 | 2 | 32 | 39.00 | AD | CN | ☐ | CN | impaired fish community | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | Enterococcus | 12/1/2001 | 11/30/2008 | 21 | | 9 | 7306 | 89.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 14 | 725.96 | 1 | | 126.00 | SM | NS | ☐ | NS | bacteria | |
| Bacteria Geomean | Enterococcus | 12/1/2003 | 11/30/2010 | 34 | 172.47 | 1 | | 35.00 | AD | NS | ☐ | NS | bacteria | 5c |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 51 | | 1 | 2.92 | 0.46 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 49 | | 23 | 1.95 | 0.66 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 49 | | 22 | 1.76 | 0.46 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 51 | | 24 | 8.85 | 1.10 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 49 | | 10 | 53.1 | 21.00 | AD | NC | ☐ | NC | | |

## SEGID 0801D Lynchburg Canal (unclassified water body)

**AUID 0801D_01** From confluence with Trinity River Tidal upstream to confluence with Big Caney Creek.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 149.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 45.40 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 13.50 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 133.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 118.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 564.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | | 1 | 284 | 92.70 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 9 | 0.94 | 0 | | 136.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | 1.50 | 0 | | 3.60 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | 40.72 | 0 | | 84.20 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.38 | 0 | | 78.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 9 | 7.94 | 0 | | 13.10 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 9 | 0.14 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 9 | 0.50 | 0 | | 5.30 | LD | NC | ☐ | NC | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 9 | 61.63 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0801D_01** From confluence with Trinity River Tidal upstream to confluence with Big Caney Creek.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 1.10 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 0.46 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 0.46 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.66 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 6 | | 1 | 41 | 21.00 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 9 | 4.61 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 9 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0802 Trinity River Below Lake Livingston

**AUID** 0802_01 Lower 17 miles of segment

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 38.76 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 619.66 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 21.19 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 87.68 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 78.98 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 6.36 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | 1.50 | 0 | | 11.65 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | 2.50 | 0 | | 99.17 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 2 | 0.50 | 0 | | 2.33 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | 0.15 | 0 | | 0.98 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | 2.50 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | 5.00 | 0 | | 149.18 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 5.00 | 0 | | 169.21 | ID | NA | ☐ | NA | | |

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**AUID** **0802_01** Lower 17 miles of segment

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 29 | 34.50 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 144 | 250.64 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 136 | 31.07 | 0 | | 125.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 73 | 39.51 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 24 | | 15 | 37.15 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 4.47 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |

**AUID** **0802_01** Lower 17 miles of segment

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 69 | 237.52 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 28 | 30.61 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 37.36 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 116 | 0.31 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 16 | 0.94 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_01** Lower 17 miles of segment

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 18 | 2.61 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 44 | 0.30 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_02** Approx. 9 miles upstream to approx. 15 miles downstream of SH 105

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | 0 | | | | 9.00 | ID | NA | ☑ | CN | pH | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 144 | 250.64 | | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 136 | 31.07 | | | 125.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 73 | 39.51 | | | 100.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 4.47 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_02** Approx. 9 miles upstream to approx. 15 miles downstream of SH 105

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 16 | 0.94 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 116 | 0.31 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 44 | 0.30 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 18 | 2.61 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_03** 11 miles upstream to approx. 9 miles downstream of FM 787

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 27 | | 1 | 7.96 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 27 | | 1 | 7.96 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 85.02 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 17.38 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 67.08 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 30.57 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 6.84 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 521.62 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | 1.50 | 0 | | 11.65 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | 2.50 | 0 | | 99.17 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 2 | 0.50 | 0 | | 2.33 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 5.00 | 0 | | 169.21 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | 0.81 | 0 | | 0.98 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | 2.50 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | 5.00 | 0 | | 149.18 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_03** 11 miles upstream to approx. 9 miles downstream of FM 787

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 27 | 29.64 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2003 | 11/30/2010 | 1 | 30.00 | 0 | | 35.00 | ID | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 144 | 250.64 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 73 | 39.51 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 136 | 31.07 | 0 | | 125.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 26 | | 17 | 29.44 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 4.47 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_03** 11 miles upstream to approx. 9 miles downstream of FM 787

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 40.04 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 88 | 244.35 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 28 | 31.32 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 16 | 0.94 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_03** 11 miles upstream to approx. 9 miles downstream of FM 787

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 116 | 0.31 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 44 | 0.30 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 18 | 2.61 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_04** 5 miles upstream to 11 miles downstream of US 59

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 69.82 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 111.53 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,379.40 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 535.22 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 31.67 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 17.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | 6.23 | 0 | | 99.17 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.64 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | 0.13 | 0 | | 0.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 4.38 | 0 | | 169.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 14 | 1.39 | 0 | | 11.65 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.92 | 0 | | 2.33 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 9.00 | 0 | | 149.18 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 14 | 0.93 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_04** 5 miles upstream to 11 miles downstream of US 59

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 18 | 25.26 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 21 | | 1 | 9.2 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 144 | 250.64 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 136 | 31.07 | 0 | | 125.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 73 | 39.51 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 20 | | 11 | 26.35 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 4.47 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_04** 5 miles upstream to 11 miles downstream of US 59

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 20 | 240.33 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 16 | 29.50 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 16 | 42.00 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 116 | 0.31 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_04** 5 miles upstream to 11 miles downstream of US 59

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 18 | 2.61 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 16 | 0.94 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 44 | 0.30 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_05** Upper 6 miles of segment

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 75 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 75 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 1 | 10.00 | 0 | | 126.00 | ID | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 77 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 76 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 76 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 144 | 250.64 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 136 | 31.07 | 0 | | 125.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 73 | 39.51 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 68 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 70 | | 30 | 20.4 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.33 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 73 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 4.47 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_05** Upper 6 miles of segment

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 70 | 266.21 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802_05** Upper 6 miles of segment

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 64 | 31.56 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 1 | 45.30 | 0 | | 300.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 18 | 2.61 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 16 | 0.94 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 116 | 0.31 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.82 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 16 | 0.22 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 44 | 0.30 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

## SEGID 0802B Long King Creek (unclassified water body)

**AUID** 0802B_01 From the confluence with segment 0802 of the Trinity River to just upstream of confluence with unknown tributary (NHD RC 12030202001817)

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 1 | 0.50 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802B_02** From just upstream of the confluence with unnamed tributary (NHD RC 12030202001817) up to the confluence with Mud Creek, in Polk County.

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 1 | | 1 | 1 | 0.46 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.50 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 51.71 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | | 1 | 12 | 4.16 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.40 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 22.28 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 0.50 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | 12.00 | 0 | | 91.97 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | 34.00 | 0 | | 138.36 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 1 | 0.50 | 0 | | 2.08 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 157.32 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | 0.90 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | 0.05 | 0 | | 0.92 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 10.80 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0802B_02** From just upstream of the confluence with unnamed tributary (NHD RC 12030202001817) up to the confluence with Mud Creek, in Polk County.

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 5 | 80.96 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.33 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 1.95 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 14.10 | ID | NA | ☐ | NA | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 1 | 0.50 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

## SEGID 0802D Menard Creek (unclassified water body)

### AUID 0802D_01 Entire water body

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 1 | | 1 | 3 | 2.50 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 18.98 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 4.88 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 235.43 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 96.65 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 157.32 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | 16.00 | 0 | | 91.97 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 0.50 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | 24.00 | 0 | | 138.36 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 1 | 3.00 | 0 | | 10.80 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | 0.05 | 0 | | 0.92 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | 0.50 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 1 | 0.50 | 0 | | 2.08 | ID | NA | ☐ | NA | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 16 | 106.55 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

**AUID** **0802D_01** Entire water body

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 14.10 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 16 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.37 | ID | NA | ☐ | NA | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 1 | 0.50 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0803 Lake Livingston

**AUID** 0803_01 Lowermost portion of reservoir, adjacent to dam

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 47 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 47 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 4.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 521.62 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 1,343.22 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 108.60 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 30.57 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 67.08 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 17.38 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 31 | 7.29 | 0 | | 99.17 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 31 | 2.42 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 30 | 0.11 | 0 | | 0.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 28 | 3.59 | 0 | | 169.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 31 | 1.54 | 0 | | 11.65 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 30 | 0.53 | 0 | | 2.33 | AD | FS | ☐ | FS | | |

## AUID 0803_01 Lowermost portion of reservoir, adjacent to dam

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 31 | 9.19 | 0 | | 149.18 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 31 | 0.81 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 36 | 3.48 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 54 | | 1 | 34 | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 48 | | 7 | 9.23 | 9.00 | AD | CN | ☐ | NS | pH | 5c |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | 1 | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 39 | | 14 | 0.96 | 0.37 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 38 | | 24 | 0.09 | 0.05 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 40 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 38 | | 2 | 0.43 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 32 | | 9 | 32.42 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_01** Lowermost portion of reservoir, adjacent to dam

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 99 | 231.07 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 45 | 27.69 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 44 | 39.85 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

## AUID 0803_02 Lower portion of reservoir, East Wolf Creek

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 33.90 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 39 | 267.63 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** **0803_02** Lower portion of reservoir, East Wolf Creek

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_03** Lower portion of reservoir, East Willow Springs

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 1 | 4.6 | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 33.90 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 61 | 256.65 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_03** Lower portion of reservoir, East Willow Springs

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_04** Middle portion of reservoir, East Pointblank

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 5.00 | LD | NC | ☑ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 6 | | 2 | 0.62 | 0.37 | LD | NC | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 6 | | 6 | 0.08 | 0.05 | LD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 0.11 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

**AUID** **0803_04** Middle portion of reservoir, East Pointblank

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 45 | 248.36 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_05** Middle portion of reservoir, downstream of Kickapoo Creek

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 65.27 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 106.64 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 1,319.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 29.84 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 17.03 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 512.52 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 20 | 2.49 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 19 | 0.17 | 0 | | 0.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | 4.03 | 0 | | 169.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 20 | 1.45 | 0 | | 11.65 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 18 | 0.58 | 0 | | 2.33 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 20 | 11.88 | 0 | | 149.18 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 20 | 0.88 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 20 | 8.78 | 0 | | 99.17 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_05** Middle portion of reservoir, downstream of Kickapoo Creek

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 18 | 7.71 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 28 | | 2 | 34.6 | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 25 | | 2 | 9.2 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | 1 | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 23 | | 3 | 0.7 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 23 | | 9 | 0.1 | 0.05 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 20 | | 3 | 0.38 | 0.20 | AD | NC | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 19 | | 12 | 55.55 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_05** Middle portion of reservoir, downstream of Kickapoo Creek

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 34 | 219.24 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 19 | 28.00 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 19 | 37.11 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_06** Middle portion of reservoir, centering on US 190

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 30.57 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 521.62 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 17.38 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 67.08 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 1,343.22 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 108.60 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 20 | 13.15 | 0 | | 149.18 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 18 | 0.58 | 0 | | 2.33 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 19 | 0.87 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | 4.03 | 0 | | 169.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 20 | 1.45 | 0 | | 11.65 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 19 | 0.16 | 0 | | 0.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 20 | 2.56 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 20 | 9.40 | 0 | | 99.17 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_06** Middle portion of reservoir, centering on US 190

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 19 | 6.50 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 26 | | 1 | 9.4 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | 1 | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 18 | | 9 | 0.86 | 0.37 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 19 | | 15 | 50.95 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 22 | | 10 | 0.36 | 0.20 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 16 | | 8 | 0.13 | 0.05 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 16 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_06** Middle portion of reservoir, centering on US 190

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 42 | 233.74 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 19 | 35.47 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 19 | 45.21 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_07** Upper portion of reservoir, west of Carlisle

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 645.79 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 135.45 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 1,674.72 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 22.22 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 41.02 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 93.49 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 19 | 0.18 | 0 | | 0.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 20 | 0.88 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 20 | 11.33 | 0 | | 99.17 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 20 | 12.30 | 0 | | 149.18 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 18 | 0.61 | 0 | | 2.33 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | 4.03 | 0 | | 169.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 20 | 2.43 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 20 | 1.77 | 0 | | 11.65 | AD | FS | ☐ | FS | | |

**AUID** 0803_07 Upper portion of reservoir, west of Carlisle

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 19 | 12.32 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 24 | | 2 | 9.1 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | 1 | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 23 | | 21 | 1.48 | 0.37 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 18 | | 10 | 70.94 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 22 | | 20 | 0.36 | 0.20 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 22 | | 20 | 0.17 | 0.05 | AD | CS | ☐ | CS | orthophosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_07** Upper portion of reservoir, west of Carlisle

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 39 | 266.40 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 27 | 39.81 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 54.41 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |

## AUID 0803_08 Cove off upper portion of reservoir, East Trinity

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 1 | 3.8 | 5.00 | LD | NC | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 33.90 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 6 | | 4 | 0.18 | 0.05 | LD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.11 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 6 | | 4 | 1.61 | 0.37 | LD | CS | ☐ | CS | nitrate | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_08** Cove off upper portion of reservoir, East Trinity

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 40 | 301.84 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_09** West Carolina Creek cove, off upper portion of reservoir

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 2 | | 1 | 4.58 | 5.00 | ID | NA | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 33.90 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 9.00 | ID | NA | ☐ | NA | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 6.50 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 20 | 282.75 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_09** West Carolina Creek cove, off upper portion of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_10** Upper portion of reservoir, centering on SH 19

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 83 | | 2 | 4.23 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 83 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 4.00 | LD | NC | ☐ | CN | depressed dissolved oxygen | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 35 | | 1 | 9 | 122.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 162.28 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 2,005.84 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 27.17 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 52.18 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 769.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 33 | 3.80 | 0 | | 169.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 36 | 7.06 | 0 | | 99.17 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 36 | 0.83 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 35 | 9.74 | 0 | | 149.18 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 35 | 1.94 | 0 | | 11.65 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 35 | 0.14 | 0 | | 0.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 36 | 2.29 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 35 | 0.84 | 0 | | 2.33 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_10** Upper portion of reservoir, centering on SH 19

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 76 | 27.67 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 89 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 85 | | 3 | 9.43 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 85 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | 1 | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 68 | | 62 | 2.71 | 0.37 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 71 | | 67 | 0.31 | 0.05 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 74 | | 2 | 0.17 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 78 | | 74 | 0.48 | 0.20 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 67 | | 16 | 54.09 | 26.70 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_10** Upper portion of reservoir, centering on SH 19

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 123 | 306.17 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 82 | 43.02 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 80 | 56.88 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_11** Riverine portion of reservoir, centering on SH 21

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 81 | | 1 | 4.6 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 81 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 34 | | 1 | 9 | 150.14 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 31.56 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 185.66 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 875.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 62.42 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 2,294.39 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 36 | 2.33 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 35 | 0.13 | 0 | | 0.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 33 | 3.80 | 0 | | 169.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 36 | 1.98 | 0 | | 11.65 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 34 | 1.19 | 0 | | 2.33 | AD | FS | ☐ | FS | lead in water | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 36 | 9.99 | 0 | | 149.18 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 36 | 0.83 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 36 | 9.25 | 0 | | 99.17 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_11** Riverine portion of reservoir, centering on SH 21

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 80 | 63.00 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 83 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 82 | | 2 | 9.3 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 82 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | 1 | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 66 | | 64 | 3.27 | 0.37 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 68 | | 66 | 0.38 | 0.05 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 80 | | 77 | 0.67 | 0.20 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 65 | | 15 | 71.33 | 26.70 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_11** Riverine portion of reservoir, centering on SH 21

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 69 | 61.75 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 72 | 47.38 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 82 | 308.65 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803_12** Remainder of reservoir

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 389 | 287.19 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 256 | 39.93 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 250 | 52.89 | | | 50.00 | AD | NS | ☐ | NS | sulfate | 5b |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 154 | 3.85 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 157 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 6 | 0.47 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 153 | 0.77 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 274 | 1.76 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 162 | 0.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 163 | 2.40 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0803A Harmon Creek (unclassified water body)

**AUID** 0803A_01

A 16 mile (25.7 KM) stretch of Harmon Creek extending from Lake Livingston (normal pool elevation of 131 feet) upstream to the confluence of East Fork Harmon Creek.

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 139.43 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 191.86 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 2,370.92 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 835.16 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 65.21 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 29.87 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 3 | 2.40 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | 0.08 | 0 | | 0.92 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 2 | 3.00 | 0 | | 157.32 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | 3.33 | 0 | | 10.80 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 1.00 | 0 | | 2.08 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 2 | 3.50 | 0 | | 138.36 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 3 | 0.67 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 2 | 23.50 | 0 | | 91.97 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803A_01** A 16 mile (25.7 KM) stretch of Harmon Creek extending from Lake Livingston (normal pool elevation of 131 feet) upstream to the confluence of East Fork Harmon Creek.

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 10 | 36.46 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 14.10 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 7 | | 7 | 1.01 | 0.69 | LD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 8 | | 1 | 0.36 | 0.33 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 7 | | 5 | 4.89 | 1.95 | LD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 5 | | 5 | 1.04 | 0.37 | LD | CS | ☐ | CS | orthophosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 2 | 3.00 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 1.00 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

## SEGID 0803B White Rock Creek (unclassified water body)

**AUID** 0803B_01 lower 25 miles of segment

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 15.46 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 57.26 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 81.52 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1,008.65 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.87 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 471.08 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 5.00 | 0 | | 157.32 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | 5.00 | 0 | | 91.97 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.75 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | 3.50 | 0 | | 138.36 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | 1.25 | 0 | | 10.80 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | 0.05 | 0 | | 0.92 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | 1.85 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 2 | 2.25 | 1 | | 2.08 | ID | NA | ☐ | NA | | |

## AUID 0803B_01 lower 25 miles of segment

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 8 | 11.71 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 1.95 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 6 | | 5 | 25.2 | 14.10 | LD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 0.33 | LD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 5.00 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 2 | 2.25 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

## AUID 0803B_02 Upper 13 miles of segment

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 5.00 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 2 | 2.25 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

## SEGID 0803E Nelson Creek (unclassified water body)

**AUID** 0803E_01 Entire water body.

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2000 | 11/30/2010 | 11 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2000 | 11/30/2010 | 11 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 47.78 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 360.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 1,071.97 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 86.64 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 25.49 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 4 | | 1 | 68 | 13.52 | LD | NC | ☐ | CN | copper in water | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 419.30 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 4 | 1.90 | 0 | | 190.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | 0.05 | 0 | | 0.92 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 4 | 3.00 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 4 | 17.75 | 1 | | 10.80 | LD | CN | ☐ | CN | copper in water | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 4 | 0.88 | 0 | | 2.08 | LD | NC | ☐ | CN | lead in water | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 3 | 6.83 | 0 | | 138.36 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 3 | 0.67 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 3 | 12.67 | 0 | | 91.97 | ID | NA | ☐ | NA | | |

**AUID** **0803E_01** Entire water body.

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2000 | 11/30/2010 | 11 | 136.19 | 1 | | 126.00 | LD | NS | ☐ | CN | bacteria | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2000 | 11/30/2010 | 8 | | 1 | 71 | 14.10 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2000 | 11/30/2010 | 11 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2000 | 11/30/2010 | 10 | | 1 | 0.68 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2000 | 11/30/2010 | 7 | | 0 | | 1.95 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2000 | 11/30/2010 | 10 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 4 | 3.00 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 4 | 0.88 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0803F Bedias Creek (unclassified water body)

**AUID** 0803F_01 From the confluence with segment 0803 Trinity River up to confluence with Poole Creek (NHD RC 12030202000572)

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 40.27 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1,651.46 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 133.57 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 70.74 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 18.08 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 539.73 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.75 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | 20.00 | 0 | | 91.97 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | 35.00 | 0 | | 138.36 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 2 | 1.25 | 0 | | 2.08 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | 1.25 | 0 | | 10.80 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 2 | 3.00 | 0 | | 157.32 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | 0.05 | 0 | | 0.92 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | 1.95 | 0 | | 190.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803F_01** From the confluence with segment 0803 Trinity River up to confluence with Poole Creek (NHD RC 12030202000572)

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 5 | 147.98 | 1 | | 126.00 | LD | CN | ☐ | CN | bacteria | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 1.95 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.33 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 5 | | 2 | 39 | 14.10 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 3 | 3.67 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 0.50 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0803F_02** From the confluence with Poole Creek (NHD RC 12030202000572) to upper end of NHD RC Bedias Creek (NHD RC 12030202000350)

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 67.62 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 718.61 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 25.13 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 110.38 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 1,870.13 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 3 | | 1 | 539 | 151.28 | ID | NA | ☐ | CN | zinc in water | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 0.50 | 0 | | 2.08 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 3 | 189.33 | 1 | | 91.97 | ID | NA | ☐ | CN | zinc in water | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 3 | 17.50 | 0 | | 138.36 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 3 | 3.67 | 0 | | 157.32 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 2 | 0.10 | 0 | | 0.92 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 3 | 2.23 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.75 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | 1.17 | 0 | | 10.80 | ID | NA | ☐ | NA | | |

## AUID 0803F_02 From the confluence with Poole Creek (NHD RC 12030202000572) to upper end of NHD RC Bedias Creek (NHD RC 12030202000350)

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 3 | 89.29 | 0 | | 126.00 | ID | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 3 | | 1 | 0.58 | 0.37 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 14.10 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.33 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 1.95 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.69 | ID | NA | ☐ | NA | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 3 | 3.67 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 0.50 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

# SEGID 0803G Lake Madisonville (unclassified water body)

## AUID 0803G_01 Entire water body

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2003 | 11/30/2010 | | | | | | AD | NS | ☑ | NS | mercury in edible tissue | 5c |

## SEGID 0804 Trinity River Above Lake Livingston

**AUID 0804_01** From the lower end of the segment up to just above the confluence with Hurricane Bayou in Houston County.

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 79 | 83.18 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 102 | 64.78 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 213 | 347.86 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 104 | 48.53 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 83 | | 55 | 4.71 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 89 | | 41 | 0.73 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 79 | | 42 | 1.01 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 62 | | 21 | 42.88 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | 3.28 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 50 | 1.00 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0804_02** From just upstream of the confluence with Hurricane Bayou up to just above the confluence with Boons Creek.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 213 | 347.86 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 104 | 48.53 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 102 | 64.78 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | total phosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | 3.28 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 50 | 1.00 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0804_03** From just upstream of the confluence with Boons Creek up to just above the confluence with Caney Creek.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 213 | 347.86 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 104 | 48.53 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 102 | 64.78 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | orthophosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | 3.28 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 50 | 1.00 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0804_04** From the confluence with Caney Creek up to just above the confluence with Indian Creek in Anderson County.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 50 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 50 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 62.02 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 871.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 31.39 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 149.06 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 2,283.42 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 184.77 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 2.50 | 0 | | 209.49 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 7 | 5.22 | 0 | | 123.69 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | 4.08 | 0 | | 185.99 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | 2.43 | 0 | | 14.56 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | 0.15 | 0 | | 1.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 3.25 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 50 | 123.23 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0804_04** From the confluence with Caney Creek up to just above the confluence with Indian Creek in Anderson County.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 52 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 52 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 52 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 213 | 347.86 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 104 | 48.53 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 102 | 64.78 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 55 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 58 | | 34 | 1.35 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 55 | | 39 | 7.05 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 55 | | 21 | 28.38 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 55 | | 28 | 1.04 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | 3.28 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 50 | 1.00 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID 0804_05** From just above the confluence with Indian Creek in Anderson County up to just above the confluence with Tehuacana Creek.

**USE General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 213 | 347.86 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 104 | 48.53 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 102 | 64.78 | 0 | | 150.00 | AD | FS | ☐ | FS | | |

**USE Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | 3.28 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 50 | 1.00 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

**AUID 0804_06** From just above the confluence with Tehuacana Creek to just above the confluence with Richland Creek.

**USE General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 213 | 347.86 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 104 | 48.53 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 102 | 64.78 | 0 | | 150.00 | AD | FS | ☐ | FS | | |

**USE Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | 3.28 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 50 | 1.00 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0804_07** From just above the confluence with Richland Creek in Henderson County, up to the upper end of the segment.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 63.62 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 888.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 32.06 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 153.39 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 2,327.24 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 188.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 3.25 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | 17.93 | 0 | | 185.99 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 7 | 7.11 | 0 | | 123.69 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 2.50 | 0 | | 209.49 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | 0.15 | 0 | | 1.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | 2.68 | 0 | | 14.56 | LD | NC | ☐ | NC | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 57 | 110.51 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0804_07** From just above the confluence with Richland Creek in Henderson County, up to the upper end of the segment.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 58 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 58 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 58 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 213 | 347.86 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 104 | 48.53 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 102 | 64.78 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 55 | | 40 | 7.74 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 55 | | 23 | 25.58 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 58 | | 43 | 1.38 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 55 | | 33 | 1.15 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 55 | | 1 | 0.44 | 0.33 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | 3.28 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 50 | 1.00 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0804F Tehuacana Creek (unclassified water body)

**AUID** **0804F_01** A 27 mile stretch of Tehuacana Creek extending from the confluence with 0804 of the Trinity River up to the confluence with Caney Creek (NHD RC 120302010000226).

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 28.69 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 132.03 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 2,106.53 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 55.70 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 806.38 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 170.43 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 0.25 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 15 | 7.45 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 15 | 3.96 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 15 | 5.33 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.04 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 15 | 1.39 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.18 | 0 | | 2.08 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0804F_01**

A 27 mile stretch of Tehuacana Creek extending from the confluence with 0804 of the Trinity River up to the confluence with Caney Creek (NHD RC 120302010000226).

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 14 | 0.13 | 0 | | 1,071.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 0.24 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.17 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0804F_02** A 28.4 mile (45.7 KM) stretch of Tehuacana Creek extending from the confluence with Caney Creek to the upper end (NHD RC 12030201000225) of Tehuacana Creek.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 2.00 | LD | NC | ☐ | NC | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 1.95 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.33 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 0.24 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.17 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 14 | 0.13 | 0 | | 1,071.00 | AD | FS | ☐ | FS | | |

## SEGID 0804G Catfish Creek (unclassified water body)

### AUID 0804G_01 Entire Segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 9 | 3.74 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 29 | | 20 | 3.53 | 5.00 | AD | NS | ☐ | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 29 | | 6 | 2.37 | 3.00 | AD | NS | ☐ | NS | depressed dissolved oxygen | 5b |
| Macrobenthic Community | Macrobenthic Community | 12/1/2003 | 11/30/2010 | 1 | 26.60 | 1 | 26.6 | 29.00 | LD | CN | ☐ | CN | impaired macrobenthic community | |
| Fish Community | Fish Community | 12/1/2003 | 11/30/2010 | 1 | 44.40 | 0 | | 42.00 | LD | NC | ☐ | NC | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 25 | 189.02 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 25 | | 1 | 14.2 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 29 | | 1 | 1.28 | 0.69 | AD | NC | ☐ | NC | | |

## SEGID 0804H Upper Keechi Creek (unclassified water body)

**AUID** 0804H_01 From the confluence with segment 0804 Trinity River up to confluence with Twin Branch (NHD RC 12030201027099)

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 12 | | 3 | 2.9 | 5.00 | AD | NS | ☐ | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 12 | | 3 | 2.27 | 3.00 | AD | NS | ☐ | NS | depressed dissolved oxygen | 5b |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 65.50 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 106.89 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1,322.11 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 17.08 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 513.68 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 29.93 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 1 | 0.03 | 0 | | 2.08 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 1 | 4.99 | 0 | | 91.97 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 0.13 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 1 | 2.50 | 0 | | 138.36 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 2.00 | 0 | | 157.32 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 1 | 0.05 | 0 | | 0.92 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## AUID 0804H_01 From the confluence with segment 0804 Trinity River up to confluence with Twin Branch (NHD RC 12030201027099)

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | 1.25 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 1 | 0.98 | 0 | | 10.80 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 1 | 290.00 | 1 | | 126.00 | ID | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 1.95 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.37 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.33 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.69 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 14.10 | ID | NA | ☐ | NA | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 2.00 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 1 | 0.03 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

## AUID 0804H_02 From the confluence with Twin Branch (NHD RC 12030201027099) to the upper end (NHD RC 12030201001075) of NHD RC stream Upper Keechi Creek.

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 1 | 2.00 | 0 | | 502.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 1 | 0.03 | 0 | | 3.83 | ID | NA | ☐ | NA | | |

## SEGID 0804J Fairfield Lake (unclassified water body)

**AUID** 0804J_01 Entire segment

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 32 | | 4 | 2.41 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 32 | | 2 | 1.59 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 27.12 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 162.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 122.38 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 767.96 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 52.08 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 2,002.94 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 20 | 0.18 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 20 | 0.13 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 20 | 2.00 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 20 | 2.64 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | 2.00 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 20 | 7.52 | 0 | | 190.00 | AD | FS | ☐ | FS | | |

**AUID** 0804J_01 Entire segment

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 20 | 0.22 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | 2.15 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | Silver | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 2.20 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Zinc | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 459.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Nickel | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 48.60 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Mercury | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 1.06 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Manganese | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 1,100.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Copper | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 149.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Chromium | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 111.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Arsenic | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 33.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Cadmium | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 4.98 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Iron | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 40,000.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Lead | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 128.00 | LD | NC | ☐ | NC | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 20 | 3.62 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 20 | | 9 | 0.13 | 0.05 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 21 | | 18 | 75.91 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 20 | | 2 | 0.21 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

**AUID** **0804J_01** Entire segment

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 21 | | 5 | 0.32 | 0.20 | AD | NC | ☐ | NC | | |
| Fish Kill Reports | Fish Kill Reports | 12/1/2003 | 11/30/2010 | 7 | | | | | OE | CN | ☑ | CN | fish kill report | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 20 | 2.00 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 20 | 0.18 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0805 Upper Trinity River

**AUID 0805_01** From confluence of the Cedar Creek Reservoir discharge canal upstream to confluence of Smith Creek.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 57 | 72.78 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 58 | 54.80 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 203 | 393.60 | 0 | | 850.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 0 | | | | 0.37 | ID | NA | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 0 | | | | 0.69 | ID | NA | ☑ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 0 | | | | 14.10 | ID | NA | ☑ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 0 | | | | 1.95 | ID | NA | ☑ | CS | nitrate | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 31 | 2.50 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 31 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

**AUID** **0805_02** From confluence of Smith Creek upstream to confluence of Tenmile Creek.

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 87 | | 0 | | 3.50 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 87 | | 0 | | 2.50 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 65.21 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 191.86 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 2,370.92 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 157.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 904.17 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 32.73 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | 0.15 | 0 | | 1.40 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 2.50 | 0 | | 245.40 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | 2.30 | 0 | | 17.17 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 4.15 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | 4.63 | 0 | | 219.01 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 7 | 9.12 | 0 | | 145.68 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

**USE** **Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 57 | 92.04 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0805_02** From confluence of Smith Creek upstream to confluence of Tenmile Creek.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 88 | | 0 | | 35.00 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 88 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 88 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 203 | 393.60 | 0 | | 850.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 58 | 54.80 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 57 | 72.78 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 69 | | 53 | 8.15 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 64 | | 39 | 1.28 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 70 | | 1 | 0.36 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 55 | | 33 | 1.7 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 56 | | 24 | 21.5 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 31 | 2.50 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 31 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

**AUID** 0805_03 From the confluence of Fivemile Creek upstream to the confluence of Cedar Creek.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 142 | | 1 | 4.7 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 142 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 71.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 968.07 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 35.40 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 175.41 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 2,544.21 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 205.91 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | 0.15 | 0 | | 1.40 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | 2.73 | 0 | | 219.01 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | 5.13 | 0 | | 145.68 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 4.15 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 2.50 | 0 | | 245.40 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | 1.76 | 0 | | 17.17 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 79 | | 35 | 4241 | 394.00 | SM | NS | ☐ | NA | bacteria | 5a |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0805_03** From the confluence of Fivemile Creek upstream to the confluence of Cedar Creek.

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 55 | 396.90 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 4a |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 144 | | 0 | | 35.00 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 144 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 144 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 203 | 393.60 | 0 | | 850.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 58 | 54.80 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 57 | 72.78 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 73 | | 57 | 7.6 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 56 | | 19 | 19.54 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 74 | | 41 | 1.61 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 71 | | 45 | 1.23 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 74 | | 4 | 0.46 | 0.33 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 31 | 2.50 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 31 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0805_04** From confluence of Cedar Creek upstream to confluence of Elm Fork Trinity River

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 57 | | 0 | | 3.50 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 57 | | 0 | | 2.50 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 31.39 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 184.77 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 149.06 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 62.02 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 2,283.42 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 871.85 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | 0.15 | 0 | | 1.40 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 2.50 | 0 | | 245.40 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | 2.15 | 0 | | 17.17 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 4.15 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | 3.23 | 0 | | 219.01 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | 10.35 | 0 | | 145.68 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 676.00 | LD | NC | ☐ | NC | | |

**USE** **Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 73 | | 25 | 4544 | 394.00 | SM | NS | ☐ | NA | bacteria | 5a |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0805_04** From confluence of Cedar Creek upstream to confluence of Elm Fork Trinity River

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 57 | 221.66 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 4a |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 58 | | 0 | | 35.00 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 58 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 58 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 203 | 393.60 | 0 | | 850.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 58 | 54.80 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 57 | 72.78 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 52 | | 35 | 8.88 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 53 | | 34 | 1.36 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 54 | | 3 | 0.98 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 56 | | 35 | 1.6 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 54 | | 15 | 19.76 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 31 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 31 | 2.50 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0805_06** From confluence of Tenmile Creek upstream to confluence of Fivemile Creek

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 33 | 45.47 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 203 | 393.60 | 0 | | 850.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 58 | 54.80 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 57 | 72.78 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 0 | | | | 1.95 | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 4 | | 4 | 1.8 | 0.37 | LD | CS | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 3 | | 3 | 1.57 | 0.69 | ID | NA | ☑ | CS | total phosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 31 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 31 | 2.50 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

## SEGID 0805A Red Oak Creek (unclassified water body)

### AUID 0805A_01 Entire Segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 32 | 44.97 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 1.95 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.37 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.33 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.69 | ID | NA | ☐ | NA | | |

## SEGID 0805B Parsons Slough (unclassified water body)

### AUID 0805B_01 Entire Segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 2.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 22 | 33.81 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.33 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 1.95 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |

## SEGID 0805C White Rock Creek below White Rock Lake (unclassified water body)

### AUID 0805C_01 Entire water body.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

## SEGID 0805D Fivemile Creek (unclassified water body)

### AUID 0805D_01 Entire water body.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.33 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 1.95 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |

## SEGID 0806 West Fork Trinity River Below Lake Worth

**AUID** 0806_01 From confluence of Village Creek upstream to confluence of Clear Fork Trinity River

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 353 | | 17 | 3.84 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 353 | | 3 | 1.62 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 44 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 163.19 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 2,017.07 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 40 | | 0 | | 123.69 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 27.34 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 52.57 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | | 0 | | 773.21 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 44 | 1.75 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.14 | 0 | | 1.31 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 49 | 1.61 | 0 | | 228.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 8 | 1.10 | 0 | | 15.98 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 40 | 0.46 | 0 | | 3.73 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | 1.82 | 0 | | 203.89 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 135.61 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 676.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0806_01** From confluence of Village Creek upstream to confluence of Clear Fork Trinity River

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 234 | 64.49 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 354 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 354 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 354 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 366 | 223.78 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 17 | 34.03 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 17 | 29.91 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 57 | | 2 | 7.81 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 57 | | 2 | 0.96 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 58 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 59 | | 1 | 0.7 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 58 | | 40 | 29.12 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 21 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 55 | 1.71 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 46 | 0.46 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0806_01** From confluence of Village Creek upstream to confluence of Clear Fork Trinity River

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 512 | 236.34 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 46 | 24.31 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 50 | 33.77 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 50 | 1.84 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 21 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 46 | 0.46 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 106 | 0.42 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0806_02** From confluence of Clear Fork Trinity River upstream to Lake Worth Dam

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 127.84 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 166.82 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 2,061.89 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 789.83 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 360.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 54.13 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 28.02 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 190.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 6 | 0.15 | 0 | | 1.31 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 228.98 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 6 | 0.99 | 0 | | 15.98 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 6 | 0.50 | 0 | | 3.73 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 5 | 1.76 | 0 | | 203.89 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 4 | 2.50 | 0 | | 135.61 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

**USE** **Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 11 | 146.19 | 1 | | 126.00 | LD | NS | ☐ | CN | bacteria | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0806_02** From confluence of Clear Fork Trinity River upstream to Lake Worth Dam

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 366 | 223.78 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 17 | 34.03 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 17 | 29.91 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 11 | | 4 | 34.2 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 1.95 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | PCBs in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | dioxin in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 21 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 55 | 1.71 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 46 | 0.46 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 7 | 28.16 | 0 | | 300.00 | LD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 7 | 45.07 | 0 | | 300.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0806_02** From confluence of Clear Fork Trinity River upstream to Lake Worth Dam

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 11 | 242.90 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 21 | 0.14 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 46 | 0.46 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 106 | 0.42 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 50 | 1.84 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0806A Fosdic Lake (unclassified water body)

### AUID 0806A_01 Entire lake

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 4a |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 10 | | 1 | 0.55 | 0.53 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | BHC-alpha isomer | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.83 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | beta-BHC | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 1.28 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 525.00 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 4.38 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.04 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.60 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.14 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.25 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 250.00 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Chlordane | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.30 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.23 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 9 | 0.07 | 0.04 | AD | CS | ☐ | CS | arsenic in edible tissue | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.61 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.13 | AD | NC | ☐ | NC | | |

## SEGID 0806B Echo Lake (unclassified water body)

**AUID** 0806B_01 Entire lake

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Aquatic Life Closure | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 4a |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.04 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 10 | | 2 | 0.29 | 0.13 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 4.38 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 525.00 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | beta-BHC | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 1.28 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.53 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | BHC-alpha isomer | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.83 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.61 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.25 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 250.00 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Chlordane | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.30 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.23 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.14 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 10 | 0.06 | 0.04 | AD | CS | ☐ | CS | arsenic in edible tissue | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.60 | AD | NC | ☐ | NC | | |

## SEGID 0806C Big Fossil Creek (unclassified water body)

### AUID 0806C_01 Entire Segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 36 | 50.54 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## SEGID 0806D Marine Creek (unclassified water body)

### AUID 0806D_01 Marine Creek from the confluence with W. Fork Trinity River 2 miles upstream to Tenmile Bridge Rd. in Ft. Worth

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 85 | | 2 | 2.4 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 85 | | 1 | 1.4 | 3.00 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 76 | | 25 | 2828.66 | 394.00 | SM | NS | ☐ | NA | bacteria | |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 46 | 122.27 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## SEGID 0806E Sycamore Creek (unclassified water body)

### AUID 0806E_01 Five mile stretch of Sycamore Creek running upstream from confluence with the W. Fork of Trinity River to confluence with Echo Lake Tributary in Fort Worth

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 87 | | 4 | 4.68 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 87 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 77 | | 26 | 5388.23 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 48 | 212.95 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |

## SEGID 0806F Little Fossil Creek (unclassified water body)

### AUID 0806F_01 Entire water body.

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 6 | 165.97 | | | 126.00 | LD | CN | ☑ | CN | bacteria | |

## SEGID 0807 Lake Worth

### AUID 0807_01 Entire reservoir

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 80 | | 4 | 4.47 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 67 | 4.76 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 82 | 226.17 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 56 | 30.51 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 20 | 25.05 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 56 | | 17 | 43.41 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 54 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 53 | | 2 | 0.07 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 55 | | 3 | 0.24 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 55 | | 2 | 0.21 | 0.20 | AD | NC | ☐ | NC | | |

**AUID 0807_01** Entire reservoir

**USE Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | dieldrin in edible tissue | 4b |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | AD | NS | ☐ | NS | PCBs in edible tissue | 4a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | aldrin in fish tissue | 4b |

**USE Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 313 | 233.47 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 117 | 30.49 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 47 | 25.50 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 115 | 0.02 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0808 West Fork Trinity River Below Eagle Mountain Reservoir

**AUID 0808_01** Entire segment

**USE Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | aldrin in fish tissue | 4b |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | dieldrin in edible tissue | 4b |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | PCBs in edible tissue | 5a |

## SEGID 0809 Eagle Mountain Reservoir

### AUID 0809_01 Lowermost portion of reservoir near east end of dam

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 38 | | 3 | 3.37 | 5.00 | AD | NC | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 38 | | 1 | 2.84 | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 52 | 2.66 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 39 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 38 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 38 | | 1 | 4.8 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 37 | | 4 | 0.14 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 36 | | 1 | 1.09 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 37 | | 10 | 37.76 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

**AUID** **0809_01** Lowermost portion of reservoir near east end of dam

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 73 | 30.27 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 55 | 26.12 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0809_01** Lowermost portion of reservoir near east end of dam

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 309 | 229.53 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0809_02 Dosier Slough cove

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 26.70 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.11 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.05 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

**AUID** **0809_02** Dosier Slough cove

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 58 | 227.88 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 8 | 24.73 | 0 | | 300.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0809_03 Ash Creek cove

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.05 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.11 | LD | NC | ☐ | CS | ammonia | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 4 | | 1 | 30.7 | 26.70 | LD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |

**AUID** **0809_03** Ash Creek cove

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 36 | 237.37 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 9 | 28.28 | 0 | | 300.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0809_04** Lowermost portion of reservoir near west end of dam

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0809_04** Lowermost portion of reservoir near west end of dam

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0809_05 Lower portion of reservoir east of Walnut Creek cove

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 1 | 4.26 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 43 | 2.16 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 36 | | 1 | 5.8 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 36 | | 1 | 0.88 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 37 | | 3 | 0.13 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 37 | | 11 | 33.22 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |

**AUID** **0809_05** Lower portion of reservoir east of Walnut Creek cove

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 1 | 25.10 | 0 | | 300.00 | ID | NA | ☐ | NA | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 286 | 230.25 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 60 | 30.96 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0809_06 Walnut Creek cove

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 4 | | 1 | 34 | 26.70 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.11 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.05 | LD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

**AUID** **0809_06** Walnut Creek cove

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 10 | 27.54 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 52 | 233.80 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** **0809_07** Old Ranch cove

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0809_07** Old Ranch cove

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** **0809_08** Middle portion of reservoir near Cole subdivision

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 2 | 4.49 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 35 | 2.75 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 36 | | 1 | 6.1 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 31 | | 1 | 0.06 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 37 | | 18 | 38.21 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 36 | | 1 | 1.06 | 0.37 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |

**AUID** **0809_08** Middle portion of reservoir near Cole subdivision

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 184 | 237.32 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 49 | 32.11 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0809_09 Indian Creek cove

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 26.70 | LD | NC | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.05 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.11 | LD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |

**AUID** **0809_09** Indian Creek cove

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 8 | 30.51 | 0 | | 300.00 | LD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 46 | 258.95 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0809_10 Upper portion of reservoir near Indian Creek cove

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 2 | 4.14 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 39 | 2.89 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 36 | | 18 | 40.7 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 35 | | 1 | 1.06 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 32 | | 2 | 0.06 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 34 | | 2 | 0.22 | 0.20 | AD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

**AUID** **0809_10** Upper portion of reservoir near Indian Creek cove

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 169 | 238.85 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 56 | 32.90 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** **0809_11** Darrett Creek cove

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0809_11** Darrett Creek cove

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0809_12 Upper portion of reservoir near Newark Beach

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 25 | 5.55 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 13 | | 1 | 0.18 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 14 | | 3 | 0.24 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 14 | | 3 | 38.3 | 26.70 | AD | NC | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 14 | | 1 | 0.87 | 0.37 | AD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |

**AUID** **0809_12** Upper portion of reservoir near Newark Beach

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 87 | 256.11 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 34 | 37.97 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** 0809_13 Remainder of reservoir

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |

**AUID** **0809_13** Remainder of reservoir

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** **0809_14** Mid-Lake, from just above Walnut Cr. Cove to Oakwood Rd. peninsula

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 5 | 2.00 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 34.40 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 26.06 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 241 | 225.54 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 187 | 31.29 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 11 | | 4 | 35.85 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |

**AUID** **0809_14** Mid-Lake, from just above Walnut Cr. Cove to Oakwood Rd. peninsula

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 72 | 233.71 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 13 | 28.55 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 71 | 0.08 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0810 West Fork Trinity River Below Bridgeport Reservoir

### AUID 0810_01 Lower 25 miles of segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 191 | | 14 | 3.77 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 191 | | 2 | 2.8 | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 228 | | 86 | 2375.69 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 183 | 257.82 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 191 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 191 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 191 | | 1 | 6.2 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 278 | 373.88 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 28 | 66.57 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 43.01 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 26 | | 1 | 4.56 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 27 | | 2 | 0.66 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 26 | | 6 | 18.25 | 14.10 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0810_01** Lower 25 miles of segment

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 195 | 393.19 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 28 | 66.57 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 43.01 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 25 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 24 | 0.55 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0810_02** Upper 11 miles of segment

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 83 | | 5 | 3.94 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 83 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 82 | 111.96 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 83 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 83 | | 1 | 9.1 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 83 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 43.01 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 278 | 373.88 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 28 | 66.57 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 83 | 328.53 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 24 | 0.55 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 25 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

## SEGID 0810A Big Sandy Creek (unclassified water body)

### AUID 0810A_01 Fifteen mile stretch of Big Sandy Creek running from confluence with Waggoner Creek to FM 1810 West of Alvord, Wise Co.

**USE Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 36 | | 14 | 4896.93 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 35 | 276.04 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |

## SEGID 0810B Garrett Creek (unclassified water body)

### AUID 0810B_01 Eighteen mile stretch of Garrett Creek running upstream from confluence with Salt Creek to Wise County Road approximately 14 miles upstream of SH114, Wise Co.

**USE Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 2 | 1.05 | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 2 | 1.05 | 2.00 | AD | FS | ☐ | FS | | |

**USE Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 45 | | 18 | 4089.94 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 49 | 223.89 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |

## SEGID 0810C Martin Branch (unclassified water body)

### AUID 0810C_01 Eight mile stretch of Martin Branch running upstream from confluence with Center Creek to FM 730 south of Decatur, Wise County.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 2 | 3 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 1 | 2.8 | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 48 | | 43 | 2880.91 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 53 | 1029.24 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |

## SEGID 0810D Salt Creek (unclassified water body)

### AUID 0810D_01 Eleven mile stretch of Salt Creek running upstream from confluence with Garrett Creek, Wise County.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 35 | | 6 | 1.92 | 3.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 35 | | 3 | 1.6 | 2.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 34 | 83.26 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

# SEGID 0811 Bridgeport Reservoir

## AUID 0811_01 Southeast portion of main body of reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 59 | | 1 | 3.9 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 59 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | 3.00 | 0 | | 190.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 27 | 1.28 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 59 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 59 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 59 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 166 | 18.73 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 25 | 14.08 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 227 | 183.03 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 38 | | 0 | | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 38 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

**AUID** **0811_01** Southeast portion of main body of reservoir

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 51 | 19.04 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 425 | 194.36 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0811_01** Southeast portion of main body of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 4 | 2.50 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 267 | 0.03 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0811_02 Southwest portion of main body of reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 166 | 18.73 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 25 | 14.08 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 227 | 183.03 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |

**AUID** 0811_02 Southwest portion of main body of reservoir

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**USE** Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 141 | 185.46 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 24 | 17.10 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 267 | 0.03 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 4 | 2.50 | 0 | | 10.00 | LD | NC | ☐ | NC | | |

## AUID 0811_03 Central portion of main body of reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 2 | 2.50 | 0 | | 190.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 54 | 1.72 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 227 | 183.03 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 166 | 18.73 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 25 | 14.08 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 32 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 32 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |

**AUID** **0811_03** Central portion of main body of reservoir

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 516 | 193.58 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 72 | 19.52 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0811_03** Central portion of main body of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 56 | 15.16 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 4 | 2.50 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 267 | 0.03 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0811_04** Northern portion of main body of reservoir

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 57 | | 3 | 4.23 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 57 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 1 | 2.00 | 0 | | 190.00 | ID | NA | ☐ | NA | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 31 | 1.09 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 59 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 57 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 57 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 25 | 14.08 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 227 | 183.03 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 166 | 18.73 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 46 | | 0 | | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 43 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 45 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 46 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 42 | | 1 | 0.05 | 0.05 | AD | NC | ☐ | NC | | |

**AUID** **0811_04** Northern portion of main body of reservoir

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 62 | 19.10 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 464 | 191.09 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0811_04** Northern portion of main body of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 4 | 2.50 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 267 | 0.03 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0811_05 Remainder of reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 44 | | 1 | 4.07 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 44 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 45 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 45 | | 1 | 4.4 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 166 | 18.73 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 25 | 14.08 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 227 | 183.03 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 34 | | 1 | 32 | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 30 | | 1 | 0.08 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 34 | | 4 | 0.44 | 0.20 | AD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |

**AUID** **0811_05** Remainder of reservoir

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 284 | 186.59 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 51 | 18.38 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 4 | 2.50 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 267 | 0.03 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0812 West Fork Trinity River Above Bridgeport Reservoir

### AUID 0812_01 Lower 25 miles of segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 2.00 | LD | NC | ☐ | NS | depressed dissolved oxygen | 5c |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 9 | 131.89 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 31.10 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 17 | 609.88 | 1 | | 500.00 | AD | NS | ☐ | NS | total dissolved solids | 5b |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 17 | 83.74 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 17 | 66.91 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 16 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 17 | | 5 | 27.84 | 14.10 | AD | NC | ☐ | NC | | |

## AUID 0812_01 Lower 25 miles of segment

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 17 | 66.91 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 17 | 609.88 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 17 | 83.74 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 16 | 0.14 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 17 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

## AUID 0812_02 Upper 60 miles of segment

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 17 | 609.88 | 1 | | 500.00 | AD | NS | ☐ | NS | total dissolved solids | 5b |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 17 | 83.74 | | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 17 | 66.91 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 17 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 16 | 0.14 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# SEGID 0813 Houston County Lake

## AUID 0813_01 Entire reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 27 | | 3 | 4.52 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 24 | 5.37 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 27 | | 1 | 9.3 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 27 | 75.35 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 25 | 13.44 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 26 | 10.08 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 26 | | 2 | 0.16 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 27 | | 2 | 35.4 | 26.70 | AD | NC | ☐ | NC | | |

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**AUID** **0813_01** Entire reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 86 | 69.01 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 25 | 13.44 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 26 | 10.08 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 27 | 0.11 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 27 | 0.05 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0814 Chambers Creek Above Richland-Chambers Reservoir

**AUID 0814_01** From the lower end of the segment up to just above the confluence with Cummins Creek.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 27 | | 5 | 3.54 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 27 | | 1 | 1.6 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 4 | | 1 | 3.8 | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 4 | | 1 | 2.6 | 3.00 | LD | NC | ☐ | NC | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 23 | 63.82 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 59 | 47.13 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 59 | 91.75 | 0 | | 160.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 63 | 415.31 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 26 | | 11 | 22.32 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 25 | | 10 | 0.97 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 26 | | 8 | 1.34 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 26 | | 4 | 2.98 | 1.95 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0814_01** From the lower end of the segment up to just above the confluence with Cummins Creek.

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 15 | 0.20 | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 0.24 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 30 | 481.24 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 27 | 60.54 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 102.02 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Antimony | 12/1/2003 | 11/30/2010 | 15 | 0.20 | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 15 | 3.47 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 15 | 55.33 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 26 | 0.51 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 55 | 0.93 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0814_02** From just above the confluence with Cummins Creek up to just above the confluence with Waxahachie Creek.

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 46 | | 2 | 4.5 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 46 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 722.84 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 152.20 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 1,881.51 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 25.30 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 47.91 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 111.39 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 15 | 3.47 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 3.18 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 15 | 2.93 | 0 | | 121.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 15 | 3.17 | 0 | | 183.41 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 15 | 3.49 | 0 | | 14.35 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 1.19 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 0.24 | 0 | | 206.67 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0814_02** From just above the confluence with Cummins Creek up to just above the confluence with Waxahachie Creek.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 46 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 46 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 46 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 63 | 415.31 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 59 | 47.13 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 59 | 91.75 | 0 | | 160.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 32 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 16 | | 3 | 0.94 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 32 | | 3 | 4.13 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 32 | | 1 | 0.79 | 0.37 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 0.24 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 15 | 0.20 | 0 | | 6.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 33 | 355.38 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 32 | 35.83 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 32 | 83.08 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 55 | 0.93 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0814_02** From just above the confluence with Cummins Creek up to just above the confluence with Waxahachie Creek.

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Antimony | 12/1/2003 | 11/30/2010 | 15 | 0.20 | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 15 | 55.33 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 15 | 3.47 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 26 | 0.51 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

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**AUID** **0814_03** From just above the confluence with Waxahachie Creek up to just above the confluence with Mill Branch.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | depressed dissolved oxygen | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 63 | 415.31 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 59 | 47.13 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 59 | 91.75 | 0 | | 160.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 0.24 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 15 | 0.20 | 0 | | 6.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 55 | 0.93 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Antimony | 12/1/2003 | 11/30/2010 | 15 | 0.20 | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 15 | 3.47 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0814_03** From just above the confluence with Waxahachie Creek up to just above the confluence with Mill Branch.

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 15 | 55.33 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 26 | 0.51 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

**AUID** **0814_04** From just above the confluence with Mill Branch to the upper end of the segment.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 59 | 47.13 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 59 | 91.75 | 0 | | 160.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 63 | 415.31 | 0 | | 500.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 15 | 0.24 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 15 | 0.20 | 0 | | 6.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.03 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Antimony | 12/1/2003 | 11/30/2010 | 15 | 0.20 | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 55 | 0.93 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 26 | 0.51 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 15 | 55.33 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 15 | 3.47 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 15 | 0.12 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## SEGID 0815 Bardwell Reservoir

### AUID 0815_01 Entire reservoir

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 30 | | 2 | 4.8 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | Hexachloroethane | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 13,770.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Fluoranthene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 2,230.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Nitrobenzene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 161.06 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Di-n-butyl phthalate | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 43.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Benz(a)anthracene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1,050.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Pyrene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1,520.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Phenanthrene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1,170.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Naphthalene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 561.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Fluorene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 536.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Acenaphthene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 89.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Dibenz(a,h)anthracene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 140.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Chrysene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1,290.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Benzo(a)pyrene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1,450.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Anthracene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 845.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Acenaphthylene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 130.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Hexachlorobutadiene (HCBD) | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 550.00 | ID | NA | ☐ | NA | | |

## AUID 0815_01 Entire reservoir

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 17 | 4.51 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 37 | 231.58 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 23 | 46.26 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 36 | | 1 | 0.06 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 33 | | 5 | 0.15 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 35 | | 10 | 31.99 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 33 | | 9 | 0.67 | 0.37 | AD | NC | ☐ | CS | nitrate | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |

**AUID** **0815_01** Entire reservoir

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 1 | | 1 | 0.36 | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 23 | 46.26 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 142 | 230.97 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 23 | 15.91 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 21 | 0.29 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 33 | 0.21 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0815A Waxahachie Creek (unclassified water body)

### AUID 0815A_01 Entire creek

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 0 | | | | 1.95 | ID | NA | ☑ | CS | nitrate | |

## SEGID 0816 Lake Waxahachie

### AUID 0816_01 Entire reservoir

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 24 | | 1 | 4.56 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 19 | 2.83 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 23 | 190.94 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 23 | 10.55 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 23 | 22.81 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 21 | | 4 | 32.1 | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 23 | | 4 | 0.14 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 23 | | 4 | 0.67 | 0.37 | AD | NC | ☐ | NC | | |

## AUID 0816_01 Entire reservoir

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 23 | 22.81 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 174 | 192.41 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |

**AUID** **0816_01** Entire reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 23 | 10.55 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 21 | 0.22 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 23 | 0.20 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0817 Navarro Mills Lake

### AUID 0817_01 Entire reservoir

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 48 | | 4 | 4.22 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 17 | 1.68 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 12 | 11.27 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 39 | 27.37 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 39 | 10.97 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 69 | 210.50 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 58 | | 6 | 0.07 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 61 | | 1 | 0.12 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 60 | | 22 | 1.83 | 0.37 | AD | CS | ☐ | CS | nitrate | |

**AUID** **0817_01** Entire reservoir

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2003 | 11/30/2010 | 6 | 0.05 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Ethylbenzene | 12/1/2003 | 11/30/2010 | 6 | 0.05 | 0 | | 700.00 | LD | NC | ☐ | NC | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 213 | 208.35 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 47 | 11.02 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 47 | 27.91 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Ethylbenzene | 12/1/2003 | 11/30/2010 | 6 | 0.05 | 0 | | 700.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Toluene | 12/1/2003 | 11/30/2010 | 6 | 0.05 | 0 | | 1,000.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 70 | 0.71 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 20 | 0.27 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Benzene | 12/1/2003 | 11/30/2010 | 6 | 0.05 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Surface Water Toxic Substances average concern | Alachlor | 12/1/2003 | 11/30/2010 | 3 | 0.05 | 0 | | 2.00 | ID | NA | ☐ | NA | | |
| Surface Water Toxic Substances average concern | Atrazine | 12/1/2003 | 11/30/2010 | 3 | 0.85 | 0 | | 3.00 | ID | NA | ☐ | NA | | |

## SEGID 0818 Cedar Creek Reservoir

### AUID 0818_01 Lowermost portion of the reservoir, adjacent to the dam.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 39 | | 3 | 3.64 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 39 | | 1 | 1.92 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 18 | 1.38 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 40 | | 13 | 8.93 | 8.50 | AD | NS | ☐ | NS | pH | 5c |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 40 | | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 28 | | 12 | 35.29 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |

## AUID 0818_01 Lowermost portion of the reservoir, adjacent to the dam.

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 250 | 143.23 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 30 | 14.84 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0818_02 Caney Creek cove

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | NS | pH | 5c |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | ammonia | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

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**AUID** **0818_03** Clear Creek cove

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | NS | pH | 5c |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0818_04 Lower portion of reservoir east of Key Ranch Estates

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 1 | 4.26 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 21 | 1.35 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 37 | | 8 | 9.02 | 8.50 | AD | NS | ☐ | NS | pH | 5c |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 28 | | 14 | 35.66 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 29 | | 1 | 0.16 | 0.11 | AD | NC | ☐ | NC | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 274 | 139.08 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 36 | 14.71 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

## AUID 0818_04 Lower portion of reservoir east of Key Ranch Estates

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0818_05 Cove off lower portion of reservoir adjacent to Clearview Estates

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | NS | pH | 5c |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | ammonia | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** 0818_06 Middle portion of reservoir downstream of Twin Creeks cove

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 119 | | 9 | 4.39 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 119 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 44 | 1.39 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 125 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 122 | | 36 | 8.99 | 8.50 | AD | NS | ☐ | NS | pH | 5c |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 122 | | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 57 | | 36 | 43.56 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 60 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 56 | | 2 | 0.06 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 56 | | 1 | 0.12 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 58 | | 3 | 0.37 | 0.20 | AD | NC | ☐ | NC | | |

## AUID 0818_06 Middle portion of reservoir downstream of Twin Creeks cove

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0818_07 Twin Creeks cove

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | NS | pH | 5c |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** **0818_08** Prairie Creek cove

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | 19 | | 13 | 8.89 | 8.50 | AD | NS | ☐ | NS | pH | 5c |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | ammonia | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 30 | 134.52 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

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**AUID** **0818_09** Upper portion of reservoir adjacent to Lacy Fork cove

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 39 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 39 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 21 | 1.26 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 40 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 40 | | 18 | 9.1 | 8.50 | AD | NS | ☐ | NS | pH | 5c |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 40 | | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 29 | | 19 | 49.32 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 30 | | 6 | 0.28 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 29 | | 1 | 0.12 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 28 | | 6 | 0.09 | 0.05 | AD | NC | ☐ | NC | | |

## AUID 0818_09 Upper portion of reservoir adjacent to Lacy Fork cove

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 141 | 140.23 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 40 | 14.97 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0818_10 Lacy Fork cove

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0818_11 Upper portion of reservoir east of Tolosa

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 21 | 1.30 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 37 | | 16 | 9.12 | 8.50 | AD | NS | ☐ | NS | pH | 5c |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 6.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 10 | | 2 | 0.12 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 11 | | 2 | 0.25 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 10 | | 4 | 40.83 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 123 | 135.74 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 27 | 14.64 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0818_11** Upper portion of reservoir east of Tolosa

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0818_12** Uppermost portion of reservoir downstream of Kings Creek

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 8 | | 1 | 2.27 | 3.00 | LD | NC | ☐ | NC | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 33.90 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 7 | | 6 | 9.46 | 8.50 | LD | NS | ☐ | NS | pH | 5c |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 6.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.37 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.05 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 2 | | 2 | 0.24 | 0.20 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 2 | | 2 | 112.05 | 26.70 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 15 | 288.21 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0818_13 Cedar Creek cove

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | depressed dissolved oxygen | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | ammonia | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0818_14 Remainder of reservoir

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 328 | 150.43 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 147 | 14.84 | 0 | | 50.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 22.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 286 | 0.06 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# SEGID 0819 East Fork Trinity River

## AUID 0819_01 Entire segment

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 69 | | 2 | 3.1 | 4.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 69 | | 1 | 2.3 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 19 | | 1 | 3.81 | 4.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 19 | | 1 | 2.84 | 3.00 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 74 | 116.91 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 79 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 79 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 79 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 86 | 545.84 | 1 | | 500.00 | AD | NS | ☐ | NS | total dissolved solids | 5c |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 75 | 104.47 | 1 | | 100.00 | AD | NS | ☐ | NS | chloride | 5c |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 75 | 126.59 | 1 | | 100.00 | AD | NS | ☐ | NS | sulfate | 5c |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 80 | | 69 | 2.08 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 89 | | 29 | 21.62 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 91 | | 29 | 0.67 | 0.33 | AD | CS | ☐ | CS | ammonia | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 89 | | 76 | 10.51 | 1.95 | AD | CS | ☐ | CS | nitrate | |

**AUID 0819_01** Entire segment

**USE General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 77 | | 62 | 2.51 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |

## SEGID 0819B Buffalo Creek (unclassified water body)

**AUID 0819B_01** Entire water body.

**USE Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 7 | | 0 | | | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 7 | | 0 | | | LD | NC | ☐ | NC | | |

**USE General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 7 | | 5 | 4.38 | 1.95 | LD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 7 | | 5 | 0.66 | 0.37 | LD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 7 | | 4 | 1.4 | 0.69 | LD | CS | ☐ | CS | total phosphorus | |

## SEGID 0820 Lake Ray Hubbard

**AUID** 0820_01 Lower portion of East Fork arm, centering on IH 30

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 539.73 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 1,391.42 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 112.50 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 18.08 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 32.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 70.74 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 175.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | 0.92 | 0 | | 12.07 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 2.46 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | 2.67 | 0 | | 154.53 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 2.50 | 0 | | 102.73 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |

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**AUID** **0820_01** Lower portion of East Fork arm, centering on IH 30

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 8 | 41.75 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 367 | 245.83 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 8 | 32.13 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 72 | 240.12 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 7 | 0.18 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 63 | 49.64 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 8 | 0.24 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0820_02** Middle portion of East Fork arm, centering on SH 66

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 1 | 4.6 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 32.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 539.73 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 18.08 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 70.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 1,391.42 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 112.50 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 2.46 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 10 | 2.15 | 0 | | 154.53 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | 0.96 | 0 | | 12.07 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 12 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | 0.15 | 0 | | 1.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | 2.80 | 0 | | 102.73 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 2.50 | 0 | | 175.08 | AD | FS | ☐ | FS | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

**AUID** 0820_02 Middle portion of East Fork arm, centering on SH 66

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 8 | 32.13 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 8 | 41.75 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 367 | 245.83 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 72 | 248.58 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 63 | 49.64 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 7 | 0.18 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 8 | 0.24 | 0 | | 4.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0820_03** Remainder of segment

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 367 | 245.83 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 8 | 32.13 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 8 | 41.75 | 0 | | 100.00 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 7 | 0.18 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 8 | 0.24 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 63 | 49.64 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

**AUID** **0820_04** Lower portion of main body of reservoir extending up from dam to Yankee Cr. Arm.

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 78 | | 4 | 4.64 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 78 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 32.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 112.50 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 1,391.42 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 70.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 539.73 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 18.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 2.46 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | 2.51 | 0 | | 154.53 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 4.17 | 0 | | 102.73 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 175.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | 1.46 | 0 | | 12.07 | AD | FS | ☐ | FS | | |

**USE** **Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 5 | 7.25 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0820_04** Lower portion of main body of reservoir extending up from dam to Yankee Cr. Arm.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 79 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 79 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 79 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 367 | 245.83 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 8 | 32.13 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 8 | 41.75 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 7 | | 1 | 0.16 | 0.11 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 0.05 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 7 | | 1 | 0.38 | 0.37 | LD | NC | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 6 | | 2 | 43.15 | 26.70 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 141 | 245.70 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 8 | 32.13 | 0 | | 300.00 | LD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 8 | 41.75 | 0 | | 300.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 7 | 0.18 | 0 | | 10.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0820_04** Lower portion of main body of reservoir extending up from dam to Yankee Cr. Arm.

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 63 | 49.64 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 8 | 0.24 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0820_05** Mid-reservoir, I30 crossing Rowlett Cr. Arm to Yankee Cr. Arm

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 1 | 4.7 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 32.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 539.73 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 18.08 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 70.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 1,391.42 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 112.50 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 175.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 3.03 | 0 | | 102.73 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | 2.36 | 0 | | 154.53 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | 0.85 | 0 | | 12.07 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 2.46 | AD | FS | ☐ | FS | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0820_05** Mid-reservoir, I30 crossing Rowlett Cr. Arm to Yankee Cr. Arm

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 367 | 245.83 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 8 | 32.13 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 8 | 41.75 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 72 | 242.50 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 63 | 49.64 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 8 | 0.24 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 7 | 0.18 | 0 | | 10.00 | LD | NC | ☐ | NC | | |

**AUID** 0820_06 Outfall canal from Lake Lavon Dam

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 69 | | 1 | 4.9 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 70.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 1,391.42 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 18.08 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 32.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 112.50 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 539.73 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | 2.16 | 0 | | 12.07 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | 2.87 | 0 | | 102.73 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 2.46 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 2.50 | 0 | | 175.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | 0.15 | 0 | | 1.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 12 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 12 | 3.06 | 0 | | 154.53 | AD | FS | ☐ | FS | | |

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 71 | | 1 | 34.8 | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

# AUID 0820_06 Outfall canal from Lake Lavon Dam

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 71 | | 1 | 5.4 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 367 | 245.83 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 8 | 32.13 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 8 | 41.75 | 0 | | 100.00 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 71 | 257.94 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 63 | 49.64 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 8 | 0.24 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 63 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 7 | 0.18 | 0 | | 10.00 | LD | NC | ☐ | NC | | |

## SEGID 0820B Rowlett Creek (unclassified water body)

### AUID 0820B_01 Entire water body

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 86 | | 0 | | 4.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 86 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 74.89 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 16 | | 0 | | 212.86 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 2,630.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 184.39 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 999.68 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 36.74 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 21 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 21 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 21 | 2.92 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 20 | 2.54 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 21 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 18 | 3.45 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 16 | 6.03 | 0 | | 91.97 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 16 | 536.61 | 1 | | 126.00 | AD | NS | ☐ | CN | bacteria | |

**AUID** **0820B_01** Entire water body

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 16 | | 1 | 1.26 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 16 | | 1 | 0.38 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 15 | | 1 | 0.45 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 16 | | 12 | 4.34 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 21 | 2.92 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 21 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0820C Muddy Creek (unclassified water body)

### AUID 0820C_01 Entire creek

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 70 | | 7 | 4.14 | 5.00 | AD | NC | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 70 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | 12.82 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | 7.56 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | 7.51 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 2.50 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 12 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 42 | 54.13 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## AUID 0820C_01 Entire creek

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 2.50 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# SEGID 0821 Lake Lavon

## AUID 0821_01 Lowermost portion of reservoir

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |

# SEGID 0821B Sister Grove Creek (unclassified water body)

## AUID 0821B_01 Entire creek

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 1 | 6.20 | 0 | | 126.00 | ID | NA | ☐ | NA | | |

## SEGID 0821C Wilson Creek (unclassified water body)

### AUID 0821C_01 Entire water body

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 34 | | 2 | 2.95 | 4.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 34 | | 1 | 2.2 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 24 | 180.76 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5c |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 35 | | 6 | 2.46 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 30 | | 2 | 23.75 | 14.10 | AD | NC | ☐ | NC | | |

## SEGID 0821D East Fork Trinity River above Lake Lavon (unclassified water body)

### AUID 0821D_01 Entire water body

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 21 | | 1 | 1.9 | 4.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 21 | | 1 | 1.9 | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 17 | 167.83 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5c |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 20 | | 2 | 1.7 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 21 | | 3 | 2.45 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 20 | | 3 | 1.14 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 19 | | 1 | 19.8 | 14.10 | AD | NC | ☐ | NC | | |

## SEGID 0822 Elm Fork Trinity River Below Lewisville Lake

**AUID** 0822_01 Lower 11 miles of segment

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 83 | | 11 | 4.15 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 83 | | 1 | 2 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 54.13 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 166.82 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 1,790.14 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 50 | | 0 | | 127.84 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 50 | | 0 | | 789.83 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 360.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 46 | | 0 | | 28.02 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 8 | 2.50 | 0 | | 190.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 50 | 0.50 | 0 | | 3.04 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 41 | 2.77 | 0 | | 118.51 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 6 | 2.57 | 0 | | 178.22 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 46 | 1.51 | 0 | | 13.94 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 48 | 0.15 | 0 | | 1.16 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 50 | 3.18 | 0 | | 201.01 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

## AUID 0822_01 Lower 11 miles of segment

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 75 | 61.33 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 22 | 202.82 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 84 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 84 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 84 | | 2 | 4.65 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 341 | 469.07 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 7 | 23.80 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 7 | 52.89 | 0 | | 60.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 70 | | 1 | 1.01 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 69 | | 37 | 35.97 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 49 | | 1 | 7.61 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 65 | | 1 | 1.28 | 0.69 | AD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | 1,1,2,2-Tetrachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 3.20 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Ethylbenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Dichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | o-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | m-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 473.00 | AD | FS | ☐ | FS | | |

**AUID** 0822_01 Lower 11 miles of segment

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Methyl ethyl ketone | 12/1/2003 | 11/30/2010 | 13 | 1.23 | 0 | | 13,932.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,2-Dibromoethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 0.16 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chloroform | 12/1/2003 | 11/30/2010 | 13 | 0.11 | 0 | | 70.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Vinyl chloride | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 0.25 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,2-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,1-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Bromoform | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 69.10 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,2-Dichloropropane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1-Dichloroethylene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 7.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Carbon tetrachloride | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 4.10 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Bromodichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 10.20 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Trichloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 120 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Hexachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 27.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 120 | 2.99 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 116 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Acrylonitrile | 12/1/2003 | 11/30/2010 | 13 | 0.71 | 0 | | 0.80 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Tetrachloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

**AUID** 0822_01 Lower 11 miles of segment

**USE** Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 7 | 23.80 | 0 | | 300.00 | LD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 7 | 52.89 | 0 | | 300.00 | LD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 72 | 271.44 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | 1,1,2-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Ethylbenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Dichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1,2,2-Tetrachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 3.20 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Tetrachloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Toluene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 1,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | o-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1,1-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Chlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Vinyl chloride | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 0.25 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Chloroform | 12/1/2003 | 11/30/2010 | 13 | 0.11 | 0 | | 70.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,2-Dibromoethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 0.16 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Methyl ethyl ketone | 12/1/2003 | 11/30/2010 | 13 | 1.23 | 0 | | 13,932.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | m-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 473.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Bromoform | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 69.10 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Acrylonitrile | 12/1/2003 | 11/30/2010 | 13 | 0.71 | 0 | | 0.80 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Carbon tetrachloride | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 4.10 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Bromodichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 10.20 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_01** Lower 11 miles of segment

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Benzene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,3-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Trichloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 67 | 0.78 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 120 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Hexachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 27.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 116 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 39 | 46.32 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 47 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,2-Dichloropropane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1-Dichloroethylene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 7.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_02** 4.5 miles upstream to 7.5 miles downstream DWU intake

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 121 | | 10 | 3.92 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 121 | | 2 | 2.55 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 58.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 44 | | 0 | | 839.25 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 41 | | 1 | 26.94 | 30.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 44 | | 0 | | 140.49 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,604.77 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 40 | | 0 | | 177.63 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 41 | 2.18 | 0 | | 13.94 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 44 | 0.50 | 0 | | 3.04 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 40 | 3.64 | 0 | | 118.51 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 42 | 0.16 | 0 | | 1.16 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 2.82 | 0 | | 178.22 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 44 | 3.06 | 0 | | 201.01 | AD | FS | ☐ | FS | | |

**USE** **Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 31 | 73.63 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 11 | 168.98 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_02** 4.5 miles upstream to 7.5 miles downstream DWU intake

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 122 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 122 | | 1 | 9.1 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 122 | | 1 | 6.1 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 341 | 469.07 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 7 | 23.80 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 7 | 52.89 | 0 | | 60.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 30 | | 8 | 17.34 | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Methyl ethyl ketone | 12/1/2003 | 11/30/2010 | 13 | 1.23 | 0 | | 13,932.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Tetrachloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Bromoform | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 69.10 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,1-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,2-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Vinyl chloride | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 0.25 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,2-Dibromoethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 0.16 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | m-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 473.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_02** 4.5 miles upstream to 7.5 miles downstream DWU intake

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Acrylonitrile | 12/1/2003 | 11/30/2010 | 13 | 0.71 | 0 | | 0.80 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | o-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Dichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,2,2-Tetrachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 3.20 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chloroform | 12/1/2003 | 11/30/2010 | 13 | 0.11 | 0 | | 70.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 120 | 2.99 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,2-Dichloropropane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1-Dichloroethylene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 7.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Carbon tetrachloride | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 4.10 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Bromodichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 10.20 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Trichloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 120 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Hexachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 27.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 116 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Ethylbenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 700.00 | AD | FS | ☐ | FS | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 122 | 460.06 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | 1,1-Dichloroethylene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 7.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_02** 4.5 miles upstream to 7.5 miles downstream DWU intake

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | 1,1,2,2-Tetrachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 3.20 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | o-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | m-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 473.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Methyl ethyl ketone | 12/1/2003 | 11/30/2010 | 13 | 1.23 | 0 | | 13,932.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,2-Dibromoethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 0.16 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Chloroform | 12/1/2003 | 11/30/2010 | 13 | 0.11 | 0 | | 70.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Vinyl chloride | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 0.25 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1,2-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1,1-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Bromoform | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 69.10 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Toluene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 1,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Tetrachloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Dichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 39 | 46.32 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Acrylonitrile | 12/1/2003 | 11/30/2010 | 13 | 0.71 | 0 | | 0.80 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Ethylbenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 47 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,2-Dichloropropane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 116 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Hexachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 27.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 120 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_02** 4.5 miles upstream to 7.5 miles downstream DWU intake

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 67 | 0.78 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,3-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Benzene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Bromodichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 10.20 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Carbon tetrachloride | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 4.10 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Chlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Trichloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_03** 1.0 mi upstream to 4.5 miles downstream SH 121

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 74 | | 3 | 4.07 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,604.77 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 87.68 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 21.19 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 619.66 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 129.78 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 38.76 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.04 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 5.59 | 0 | | 118.51 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 2.57 | 0 | | 178.22 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 201.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | 1.84 | 0 | | 13.94 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.16 | AD | FS | ☐ | FS | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 75 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 75 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_03** 1.0 mi upstream to 4.5 miles downstream SH 121

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 75 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 341 | 469.07 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 7 | 23.80 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 7 | 52.89 | 0 | | 60.00 | LD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | o-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,2,2-Tetrachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 3.20 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Bromoform | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 69.10 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,2-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Vinyl chloride | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 0.25 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chloroform | 12/1/2003 | 11/30/2010 | 13 | 0.11 | 0 | | 70.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,2-Dibromoethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 0.16 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Ethylbenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | m-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 473.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Tetrachloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Dichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Methyl ethyl ketone | 12/1/2003 | 11/30/2010 | 13 | 1.23 | 0 | | 13,932.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 120 | 2.99 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,1-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,2-Dichloropropane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

**AUID** 0822_03 — 1.0 mi upstream to 4.5 miles downstream SH 121

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 116 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Hexachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 27.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 120 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Trichloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Bromodichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 10.20 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Carbon tetrachloride | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 4.10 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1-Dichloroethylene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 7.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Acrylonitrile | 12/1/2003 | 11/30/2010 | 13 | 0.71 | 0 | | 0.80 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 75 | 575.59 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | 1,1,1-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Dichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1,2,2-Tetrachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 3.20 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Ethylbenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Toluene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 1,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Bromoform | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 69.10 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1,2-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Vinyl chloride | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 0.25 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_03** 1.0 mi upstream to 4.5 miles downstream SH 121

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Chloroform | 12/1/2003 | 11/30/2010 | 13 | 0.11 | 0 | | 70.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,2-Dibromoethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 0.16 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Methyl ethyl ketone | 12/1/2003 | 11/30/2010 | 13 | 1.23 | 0 | | 13,932.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | o-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,2-Dichloropropane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | m-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 473.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Acrylonitrile | 12/1/2003 | 11/30/2010 | 13 | 0.71 | 0 | | 0.80 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Tetrachloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1-Dichloroethylene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 7.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 47 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 39 | 46.32 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 116 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Hexachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 27.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 120 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Trichloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,3-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Benzene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Bromodichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 10.20 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Chlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Carbon tetrachloride | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 4.10 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 67 | 0.78 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** 0822_04 Upper 1.5 miles of segment

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 1 | 4.7 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,604.77 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 87.68 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 21.19 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 619.66 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 129.78 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 38.76 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.04 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 7.07 | 0 | | 118.51 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 2.92 | 0 | | 178.22 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 201.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.16 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | 1.39 | 0 | | 13.94 | AD | FS | ☐ | FS | | |

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

**AUID** 0822_04 Upper 1.5 miles of segment

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 341 | 469.07 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 7 | 23.80 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 7 | 52.89 | 0 | | 60.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Bromoform | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 69.10 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Tetrachloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,2,2-Tetrachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 3.20 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Dichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1,1-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Vinyl chloride | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 0.25 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chloroform | 12/1/2003 | 11/30/2010 | 13 | 0.11 | 0 | | 70.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,2-Dibromoethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 0.16 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Methyl ethyl ketone | 12/1/2003 | 11/30/2010 | 13 | 1.23 | 0 | | 13,932.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | o-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Ethylbenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | m-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 473.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 120 | 2.99 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,2-Dichloropropane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

**AUID** **0822_04** Upper 1.5 miles of segment

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | 1,1,2-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 116 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Hexachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 27.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 120 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Trichloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Bromodichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 10.20 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Carbon tetrachloride | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 4.10 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | 1,1-Dichloroethylene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 7.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Acrylonitrile | 12/1/2003 | 11/30/2010 | 13 | 0.71 | 0 | | 0.80 | AD | FS | ☐ | FS | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 72 | 571.03 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | 1,1,2-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Ethylbenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Tetrachloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Toluene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 1,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Bromoform | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 69.10 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1,1-Trichloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Vinyl chloride | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 0.25 | AD | FS | ☐ | FS | | |

**AUID** 0822_04 Upper 1.5 miles of segment

**USE** Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Chloroform | 12/1/2003 | 11/30/2010 | 13 | 0.11 | 0 | | 70.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,2-Dibromoethane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 0.16 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Methyl ethyl ketone | 12/1/2003 | 11/30/2010 | 13 | 1.23 | 0 | | 13,932.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | o-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 600.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,2-Dichloropropane | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Dichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | m-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 473.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 120 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1,2,2-Tetrachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 3.20 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,1-Dichloroethylene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 7.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Acrylonitrile | 12/1/2003 | 11/30/2010 | 13 | 0.71 | 0 | | 0.80 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 47 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 39 | 46.32 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Hexachloroethane | 12/1/2003 | 11/30/2010 | 13 | 0.05 | 0 | | 27.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 67 | 0.78 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Trichloroethene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | 1,3-Dichlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Benzene | 12/1/2003 | 11/30/2010 | 13 | 0.01 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Bromodichloromethane | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 10.20 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Carbon tetrachloride | 12/1/2003 | 11/30/2010 | 13 | 0.03 | 0 | | 4.10 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Chlorobenzene | 12/1/2003 | 11/30/2010 | 13 | 0.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822_04** Upper 1.5 miles of segment

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 116 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

## SEGID 0822A Cottonwood Branch (unclassified water body)

**AUID 0822A_01** A 2.5 mile stretch of Cottonwood Branch running upstream from confluence with Hackberry Creek to approx. 0.5 miles downstream of N. Story Rd., Dallas Co.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 74.89 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 184.39 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 212.86 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 36.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 999.68 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 21 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 21 | 3.10 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 19 | 1.92 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 21 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 21 | 4.81 | 0 | | 91.97 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 21 | 34.00 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 0 | | | | 14.10 | ID | NA | ☑ | CS | chlorophyll-a | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 21 | 3.10 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 21 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

**AUID 0822A_02** A 3. 5 mile stretch of Cottonwood Branch running upstream from approximately 0.5 miles downstream of N. Story Rd. to Valley View Rd, Dallas, Co.

**USE Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 62 | | 44 | 1878.68 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 32 | 516.98 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 4a |

**USE Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 21 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 21 | 3.10 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

## SEGID 0822B Grapevine Creek (unclassified water body)

**AUID 0822B_01** Entire water body

**USE Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 49 | | 24 | 1635.67 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 26 | 171.95 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 4a |

## SEGID 0822C Hackberry Creek (unclassified water body)

**AUID 0822C_01** A 5.5 mile stretch of Hackberry Creek running upstream from confluence with S. Fork Hackberry Creek to approximately 2.4 miles upstream of SH 114 in Irving, Dallas Co.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 7 | 3.99 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 50 | | 0 | | 57.28 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 53 | | 0 | | 822.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 29.37 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 53 | | 0 | | 136.25 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 46 | | 0 | | 174.04 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 48 | 2.33 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 53 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 53 | 3.10 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 50 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 46 | 3.09 | 0 | | 91.97 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 70 | 82.05 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 33 | 198.65 | 0 | | 200.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2003 | 11/30/2010 | 1 | 2.00 | 0 | | 35.00 | ID | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Enterococci (1006, 1007) single sample | Enterococcus | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 89.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0822C_01** A 5.5 mile stretch of Hackberry Creek running upstream from confluence with S. Fork Hackberry Creek to approximately 2.4 miles upstream of SH 114 in Irving, Dallas Co.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Enterococci (1006, 1007) geometric mean | Enterococcus | 12/1/2003 | 11/30/2010 | 1 | 2.00 | 0 | | 89.00 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 68 | | 10 | 30.27 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 62 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 53 | 3.10 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 53 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0822D Ski Lake (unclassified water body)

### AUID 0822D_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 1 | 4.51 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 2.64 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 3.23 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.17 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 6.13 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 157.32 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | chlorophyll-a | |

**AUID** **0822D_01** Entire segment.

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0823 Lewisville Lake

### AUID 0823_01 Lowermost portion of reservoir

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 4 | | 1 | 4.78 | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 32.20 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 332 | 275.60 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 26.70 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.05 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.37 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.11 | ID | NA | ☐ | NA | | |

#### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 51 | 2.72 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0823_01** Lowermost portion of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 29 | 232.85 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 5 | 0.02 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 52 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 52 | 39.75 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

**AUID** 0823_02 Stewart Creek arm

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 73 | | 4 | 3.93 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 73 | | 1 | 1.9 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 35.01 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 575.56 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 19.47 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 78.17 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,486.93 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 120.24 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | 3.60 | 0 | | 12.91 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 4.27 | 0 | | 165.14 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 2.71 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | 17.10 | 0 | | 109.80 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 186.71 | AD | FS | ☐ | FS | | |

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 75 | | 2 | 33.9 | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 75 | | 3 | 9.53 | 9.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0823_02** Stewart Creek arm

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 75 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 332 | 275.60 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | ammonia | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | total phosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 51 | 2.72 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 74 | 451.89 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 52 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 52 | 39.75 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 5 | 0.02 | 0 | | 10.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0823_03** Hickory Creek arm

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 98 | | 6 | 3.99 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 98 | | 1 | 1.4 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 30 | | 1 | 3.5 | 5.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 19.47 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,486.93 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 120.24 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 78.17 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 35.01 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 575.56 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.88 | 0 | | 186.71 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 1.36 | 0 | | 12.91 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 2.71 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 2.30 | 0 | | 165.14 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 12 | 5.26 | 0 | | 109.80 | AD | FS | ☐ | FS | | |

## AUID 0823_03 Hickory Creek arm

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 99 | | 1 | 32.4 | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 99 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 99 | | 1 | 6.3 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 332 | 275.60 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.37 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.05 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.11 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 3 | | 1 | 0.2 | 0.20 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 3 | | 3 | 70.2 | 26.70 | ID | NA | ☐ | NA | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 51 | 2.72 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 156 | 242.87 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 5 | 0.02 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 52 | 39.75 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 52 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** 0823_04 Little Elm Creek arm

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 136 | | 5 | 2.74 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 136 | | 2 | 1 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 35.01 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 120.24 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 1,486.93 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 78.17 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 575.56 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 19.47 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 25 | 0.15 | 0 | | 1.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 25 | 2.29 | 0 | | 165.14 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 22 | 4.45 | 0 | | 109.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 26 | 0.50 | 0 | | 2.71 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 25 | 2.74 | 0 | | 186.71 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 26 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 26 | 1.18 | 0 | | 12.91 | AD | FS | ☐ | FS | | |

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 138 | | 2 | 35.5 | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 138 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

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**AUID** **0823_04** Little Elm Creek arm

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 138 | | 1 | 6.4 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 332 | 275.60 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 51 | 2.72 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 137 | 205.83 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 5 | 0.02 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 52 | 39.75 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 52 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0823_05** Middle portion of reservoir east of Lake Dallas

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 332 | 275.60 | 0 | | 500.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 51 | 2.72 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 52 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 52 | 39.75 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 5 | 0.02 | 0 | | 10.00 | LD | NC | ☐ | NC | | |

## AUID 0823_06 Remainder of reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 32.20 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 4 | | 1 | 9.01 | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 332 | 275.60 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.11 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 1 | | 1 | 0.9 | 0.20 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 1 | | 1 | 0.09 | 0.05 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 0.37 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 1 | | 1 | 150.1 | 26.70 | ID | NA | ☐ | NA | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 51 | 2.72 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

**AUID** **0823_06** Remainder of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 9 | 388.13 | 0 | | 1,000.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 52 | 39.75 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 5 | 0.02 | 0 | | 10.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 52 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 51 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 52 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## SEGID 0823A Little Elm Creek (unclassified water body)

**AUID** 0823A_01 From the confluence with Lake Lewisville in Denton Co., up to FM 455 in Collin Co. (Lower 12 miles of segment).

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 73 | | 14 | 3.64 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 73 | | 4 | 2.52 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 100.72 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 8.02 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | 7.53 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.69 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.75 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | 3.09 | 0 | | 10.80 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 16 | 30.16 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

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**AUID** **0823A_01** From the confluence with Lake Lewisville in Denton Co., up to FM 455 in Collin Co. (Lower 12 miles of segment).

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.69 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

**AUID** **0823A_02** From FM 455 in Collin Co., up to 1.4 km above FM 121 in Grayson, Co. near Guenther. (Upper 15 miles of segment).

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.69 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0823B Stewart Creek (unclassified water body)

**AUID** 0823B_01 Entire segment.

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 242.60 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 255.52 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 3,156.18 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 1,192.70 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 95.50 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 44.79 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 18.23 | 1 | | 21.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 15 | 0.38 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.40 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 14 | 35.62 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.00 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 15 | 0.06 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 15 | 1.83 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | 3.79 | 0 | | 138.36 | AD | FS | ☐ | FS | | |

**AUID** **0823B_01** Entire segment.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | Mercury | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 1.06 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Iron | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 40,000.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Zinc | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 459.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Silver | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 2.20 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Nickel | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 48.60 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Manganese | 12/1/2003 | 11/30/2010 | 6 | | 1 | 1610 | 1,100.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Lead | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 128.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Copper | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 149.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Chromium | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 111.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Arsenic | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 33.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Cadmium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 4.98 | LD | NC | ☐ | NC | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 13 | 94.63 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 15 | | 15 | 2.49 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 15 | | 15 | 10.8 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 15 | | 15 | 2.31 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 15 | | 4 | 0.86 | 0.33 | AD | NC | ☐ | NC | | |

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**AUID** **0823B_01** Entire segment.

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.00 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.40 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0823C Clear Creek (unclassified water body)

### AUID 0823C_01 Lower 25 miles of segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 63 | | 4 | 4.68 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 63 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 100.72 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 15.99 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 10 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 10 | 2.49 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 8 | 4.26 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | 1.37 | 0 | | 10.80 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 10 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | 3.10 | 0 | | 157.32 | AD | FS | ☐ | FS | | |

#### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | 3.10 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

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**AUID** **0823C_01** Lower 25 miles of segment

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 10 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

**AUID** **0823C_02** Upper 40 miles of segment

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | 3.10 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 10 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

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## SEGID 0823D Doe Branch (unclassified water body)

**AUID** 0823D_01 From the confluence (NHD RC 12030103023518) with Lake Lewisville/Elm Fork Trinity in Denton County to the headwaters (NHD RC 12030103005935) northeast of Celina, Collin Co., TX.

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 14 | | 1 | 1.4 | 2.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 14 | | 1 | 1.4 | 1.50 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 91.54 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 133.57 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 1,651.46 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 637.11 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 360.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 40.27 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 21.88 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 190.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 6 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 6 | 1.38 | 0 | | 10.80 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 6 | 0.50 | 0 | | 2.08 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 5 | 2.03 | 0 | | 138.36 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 4 | 3.23 | 0 | | 91.97 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0823D_01** From the confluence (NHD RC 12030103023518) with Lake Lewisville/Elm Fork Trinity in Denton County to the headwaters (NHD RC 12030103005935) northeast of Celina, Collin Co., TX.

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 10 | 246.45 | 1 | | 126.00 | LD | NS | ☐ | CN | bacteria | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 11 | | 1 | 16.2 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 15 | | 1 | 0.55 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 15 | | 3 | 6.54 | 1.95 | AD | NC | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 6 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0824 Elm Fork Trinity River Above Ray Roberts Lake

**AUID** 0824_01 Lower 7.5 miles of segment

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 2 | 4.06 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 14.40 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 1,134.62 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 52.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 24.41 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 91.71 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 443.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 0.84 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 3.07 | 0 | | 143.70 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 3.62 | 0 | | 9.83 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.81 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | 3.71 | 0 | | 126.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 13.43 | 0 | | 83.75 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 28 | 59.49 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

**AUID** **0824_01** Lower 7.5 miles of segment

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 27 | 24.32 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 34.35 | 0 | | 90.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 102 | 414.50 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 0 | | | | 1.95 | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 5 | | 3 | 1.18 | 0.37 | LD | CS | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 0 | | | | 0.69 | ID | NA | ☑ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 0 | | | | 14.10 | ID | NA | ☑ | CS | chlorophyll-a | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 3.07 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 73 | 453.42 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 28 | 0.82 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 13 | 55.26 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0824_01** Lower 7.5 miles of segment

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 27 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0824_02** 2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 102 | 414.50 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 27 | 24.32 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 34.35 | 0 | | 90.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 0 | | | | 1.95 | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 4 | | 3 | 1.33 | 0.37 | LD | CS | ☑ | CS | orthophosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 3.07 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 28 | 0.82 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 27 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 13 | 55.26 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0824_03** 3.5 mile reach near SH 51

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 29 | | 5 | 4.12 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 29 | | 1 | 2.6 | 3.00 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 55 | 90.53 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 102 | 414.50 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 27 | 24.32 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 34.35 | 0 | | 90.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 26 | | 13 | 28.38 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 28 | | 1 | 2.41 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 28 | | 2 | 0.62 | 0.33 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 3.07 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0824_03** 3.5 mile reach near SH 51

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 29 | 316.52 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 27 | 24.32 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 34.35 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 28 | 0.82 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 27 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 13 | 55.26 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0824_04** 25 mile reach near FM 3108

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 102 | 414.50 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 27 | 24.32 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 34.35 | 0 | | 90.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 3.07 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 28 | 0.82 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 13 | 55.26 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 27 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0824_05** Upper 48 miles of segment

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 34.35 | 0 | | 90.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 27 | 24.32 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 102 | 414.50 | 0 | | 700.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 3.07 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 13 | 55.26 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.19 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 27 | 0.18 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 28 | 0.82 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0825 Denton Creek

### AUID 0825_01 Entire segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 99 | | 4 | 4.1 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 99 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 39.51 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 628.40 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 21.54 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 89.61 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,628.15 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 131.68 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.11 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 11.09 | 0 | | 120.24 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 2.70 | 0 | | 180.82 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 3.08 | 0 | | 203.85 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.17 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | 2.18 | 0 | | 14.15 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 25 | 86.85 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

**AUID** 0825_01 Entire segment

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 99 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 99 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 99 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 27 | | 5 | 2.84 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 25 | | 3 | 0.68 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 26 | | 2 | 1.38 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 27 | | 2 | 0.88 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 25 | | 4 | 19.15 | 14.10 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 3.08 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 26 | 33.85 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 46.15 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 99 | 267.33 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 13 | 56.12 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 27 | 0.28 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0825_01** Entire segment

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 27 | 1.21 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0826 Grapevine Lake

**AUID** 0826_01 Lowermost portion of reservoir

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 99 | | 9 | 3.62 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 99 | | 3 | 2.3 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 20 | | 5 | 4.62 | 5.00 | TR | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 20 | | 4 | 2.23 | 3.00 | TR | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 39.51 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 628.40 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 21.54 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 89.61 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 1,628.15 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 131.68 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 4.82 | 0 | | 120.24 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 12 | 2.28 | 0 | | 180.82 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.11 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 12 | 1.07 | 0 | | 14.15 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.17 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.77 | 0 | | 203.85 | AD | FS | ☐ | FS | | |

## AUID 0826_01 Lowermost portion of reservoir

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 101 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 100 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 100 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 324 | 247.89 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 5 | 27.60 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 5 | 30.40 | 0 | | 60.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 10 | | 3 | 33.6 | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 10 | | 1 | 0.48 | 0.37 | AD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 39 | 2.84 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 154 | 241.28 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 25 | 0.12 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_01** Lowermost portion of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 39 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 38 | 54.37 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_02** Morehead Creek cove

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 324 | 247.89 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 5 | 27.60 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 5 | 30.40 | 0 | | 60.00 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 39 | 2.84 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 40 | 341.67 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 39 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 38 | 54.37 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_02** Morehead Creek cove

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 25 | 0.12 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_03** Lower portion of reservoir north of Oak Grove Park

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 324 | 247.89 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 5 | 27.60 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 5 | 30.40 | 0 | | 60.00 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 39 | 2.84 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 25 | 0.12 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 38 | 54.37 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 39 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

**AUID** 0826_04 North Main Slough cove

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 10 | | 1 | 2.5 | 3.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 324 | 247.89 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 5 | 27.60 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 5 | 30.40 | 0 | | 60.00 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 39 | 2.84 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 11 | 244.34 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 39 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 38 | 54.37 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_04** North Main Slough cove

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 25 | 0.12 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_05** Middle portion of reservoir east of Meadowmere Park

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 78 | | 3 | 3.67 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 78 | | 1 | 1.5 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 628.40 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,628.15 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 131.68 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 21.54 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 39.51 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 89.61 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.17 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.77 | 0 | | 203.85 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 1.27 | 0 | | 14.15 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.11 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 2.32 | 0 | | 180.82 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 6.02 | 0 | | 120.24 | AD | FS | ☐ | FS | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 79 | | 1 | 34 | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 79 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_05** Middle portion of reservoir east of Meadowmere Park

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 79 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 5 | 30.40 | 0 | | 60.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 324 | 247.89 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 5 | 27.60 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 10 | | 1 | 0.41 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 10 | | 1 | 30.4 | 26.70 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 39 | 2.84 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 79 | 236.89 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 25 | 0.12 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 39 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_05** Middle portion of reservoir east of Meadowmere Park

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 38 | 54.37 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_06** Middle portion of reservoir southeast of Walnut Grove Park

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 3 | 3.4 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 1 | 1.2 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 39.51 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 131.68 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,628.15 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 89.61 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 628.40 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 21.54 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 13 | 0.50 | 0 | | 3.11 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 4.69 | 0 | | 120.24 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 2.13 | 0 | | 180.82 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 1.13 | 0 | | 14.15 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 13 | 0.15 | 0 | | 1.17 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 13 | 2.97 | 0 | | 203.85 | AD | FS | ☐ | FS | | |

**USE** **Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 3 | 12.39 | 0 | | 126.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_06** Middle portion of reservoir southeast of Walnut Grove Park

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 73 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 1 | 6.3 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 324 | 247.89 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 5 | 27.60 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 5 | 30.40 | 0 | | 60.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 0.05 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 4 | | 1 | 32 | 26.70 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 5 | | 2 | 0.44 | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 0.11 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 39 | 2.84 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 39 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 38 | 54.37 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 4.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_06** Middle portion of reservoir southeast of Walnut Grove Park

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 25 | 0.12 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_07** Upper portion of reservoir east of Marshall Creek Park

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | TR | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 10 | | 2 | 2.65 | 3.00 | TR | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 10 | | 4 | 9.48 | 9.00 | AD | NS | ☐ | NS | pH | 5c |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 324 | 247.89 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 5 | 27.60 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 5 | 30.40 | 0 | | 60.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 0 | | | | 0.37 | ID | NA | ☑ | CS | nitrate | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 39 | 2.84 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 18 | 338.65 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 38 | 54.37 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826_07** Upper portion of reservoir east of Marshall Creek Park

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 25 | 0.12 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 39 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 4.00 | LD | NC | ☐ | NC | | |

## AUID 0826_08 Remainder of reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 324 | 247.89 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 5 | 27.60 | 0 | | 80.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 5 | 30.40 | 0 | | 60.00 | LD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 39 | 2.84 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 82 | 233.44 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 39 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 38 | 54.37 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |

**AUID** **0826_08** Remainder of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 39 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 39 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 25 | 0.12 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0826A Denton Creek (unclassified water body)

### AUID 0826A_01 Lower 7.9 miles of creek

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 73 | | 2 | 3.75 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 73 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 12 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 12 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 3.47 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | 3.48 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 12 | 3.63 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | 17.23 | 0 | | 91.97 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |

**AUID** **0826A_01** Lower 7.9 miles of creek

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 3.47 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0826A_02** 15.7 miles upstream to 7.4 miles down stream of FM 156

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 59 | | 5 | 3.78 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 59 | | 1 | 1.5 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 15.99 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 100.72 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 11 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | 12.43 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 11 | 3.30 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 3.83 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | 1.74 | 0 | | 10.80 | LD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 3.47 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

**AUID** **0826A_03** 9.3 miles upstream to 15.7 miles downstream of Greenwood Rd.

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 3.47 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

**AUID** **0826A_04** Upper 20.8 miles of creek

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 12 | 3.47 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 12 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0827 White Rock Lake

### AUID 0827_01 Entire segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 1 | 4.33 | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 6 | 5.51 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 8 | 26.43 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 8 | 43.03 | 0 | | 100.00 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 6 | 240.83 | 0 | | 400.00 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 7 | | 2 | 0.7 | 0.37 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 0.05 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 0.11 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 6 | | 4 | 41.6 | 26.70 | LD | CS | ☐ | CS | chlorophyll-a | |

## SEGID 0827A White Rock Creek above White Rock Lake (unclassified water body)

**AUID 0827A_01** From the headwaters of White Rock Lake upstream to the upper end of the water body at NHD RC 12030105001118.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 21.88 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 91.54 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 1,651.46 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 40.27 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 133.57 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 360.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 637.11 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 7 | 2.50 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | 3.19 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 138.36 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 7 | 2.20 | 0 | | 10.80 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 7 | 2.50 | 0 | | 190.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 7 | 0.50 | 0 | | 2.08 | LD | NC | ☐ | NC | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2003 | 11/30/2010 | 71 | | 0 | | 4.00 | AD | NC | ☐ | NC | | |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 14 | 1024.80 | 1 | | 126.00 | AD | NS | ☐ | CN | bacteria | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0827A_01** From the headwaters of White Rock Lake upstream to the upper end of the water body at NHD RC 12030105001118.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 35 | | 4 | 0.6 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 35 | | 10 | 2.43 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 35 | | 1 | 1.17 | 0.69 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 7 | 2.50 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 7 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

## SEGID 0828 Lake Arlington

**AUID** 0828_01 Lowermost portion of lake along western half of dam

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 33.65 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 117 | 202.37 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 91 | 20.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0828_01** Lowermost portion of lake along western half of dam

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 133 | 0.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0828_02** Lowermost portion of lake along eastern half of dam

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 56 | 5.86 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 91 | 20.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 33.65 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 117 | 202.37 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 27 | | 1 | 0.14 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 28 | | 21 | 44.28 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 28 | | 1 | 0.55 | 0.37 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0828_02** Lowermost portion of lake along eastern half of dam

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 133 | 0.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** 0828_03 Western half of lower portion of lake

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 117 | 202.37 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 91 | 20.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 33.65 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0828_03** Western half of lower portion of lake

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 133 | 0.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** **0828_04** Eastern half of lower portion of lake

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 1 | | 1 | 3.68 | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 33.90 | ID | NA | ☐ | NA | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 9.00 | ID | NA | ☐ | NA | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 6.50 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 33.65 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 117 | 202.37 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 91 | 20.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**AUID** **0828_04** Eastern half of lower portion of lake

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 16 | 184.19 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 133 | 0.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0828_05 Western half of upper portion of lake

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 23 | 18.40 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 28 | | 1 | 34.5 | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 117 | 202.37 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 91 | 20.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 33.65 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 14 | | 3 | 0.34 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 13 | | 2 | 0.06 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 14 | | 12 | 46.33 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |

**AUID** **0828_05** Western half of upper portion of lake

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 119 | 199.78 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 23 | 18.77 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 133 | 0.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0828_06 Eastern half of upper portion of lake

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 1 | 4.55 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 34 | 7.73 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 28 | | 1 | 34.2 | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 33.65 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 117 | 202.37 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 91 | 20.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 29 | | 20 | 45.77 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 28 | | 1 | 0.56 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |

**AUID** **0828_06** Eastern half of upper portion of lake

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 35 | 18.87 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 177 | 202.87 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 133 | 0.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0828_07 Uppermost portion of lake

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 23 | 108.91 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 117 | 202.37 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 91 | 20.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 33.65 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 19 | | 5 | 0.54 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 18 | | 3 | 43.9 | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 17 | | 4 | 0.11 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 18 | | 7 | 0.52 | 0.37 | AD | CS | ☐ | CS | nitrate | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |

**AUID** 0828_07 Uppermost portion of lake

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 23 | 24.40 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 56 | 249.19 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 133 | 0.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** 0828_08 Remainder of lake

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 91 | 20.02 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 33.65 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 117 | 202.37 | 0 | | 300.00 | AD | FS | ☐ | FS | | |

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |

**AUID** **0828_08** Remainder of lake

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 133 | 0.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0828A Village Creek (unclassified water body)

### AUID 0828A_01 From Lake Arlington to the headwaters

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 23 | 2.50 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 22 | 25.25 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 23 | 1.00 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 23 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 24 | 1.06 | 0 | | 157.32 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 24 | 182.07 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5c |

#### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 24 | 1.06 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0828A_01** From Lake Arlington to the headwaters

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0829 Clear Fork Trinity River Below Benbrook Lake

**AUID 0829_01** From the confluence with West Fork Trinity River to 1 mile upstream.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 100 | 245.77 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 27 | 23.19 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 38.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 28 | 0.28 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 27 | 0.28 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0829_02** From 1 mile upstream of the confluence with West Fork Trinity River up to the confluence with Mary's Creek.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 101 | | 1 | 4.8 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 101 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 61 | 121.81 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 102 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 101 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 101 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 100 | 245.77 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 27 | 23.19 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 38.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 26 | | 8 | 19.84 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |

## AUID 0829_02 From 1 mile upstream of the confluence with West Fork Trinity River up to the confluence with Mary's Creek.

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 100 | 245.77 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 27 | 23.19 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 38.43 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 28 | 0.28 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 27 | 0.28 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0829_03 From the confluence with Mary's Creek up to Benbrook Dam in Tarrant County, TX.

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 100 | 245.77 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 27 | 23.19 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 28 | 38.43 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 28 | 0.28 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 27 | 0.28 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0829A Lake Como (unclassified water body)

### AUID 0829A_01 Entire lake

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 3.00 | ID | NA | ☐ | NA | | |

#### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Risk Assess.- No Advisory | 12/1/2003 | 11/30/2010 | | | | | | OE | FS | ☐ | FS | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 4.38 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | BHC-alpha isomer | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.83 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 525.00 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.13 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.04 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.53 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.60 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.25 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 250.00 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Chlordane | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.30 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.23 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 9 | 0.06 | 0.04 | AD | CS | ☐ | CS | arsenic in edible tissue | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.14 | AD | NC | ☐ | NC | | |

**AUID** **0829A_01** Entire lake

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | beta-BHC | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 1.28 | AD | NC | ☐ | NC | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.61 | AD | NC | ☐ | NC | | |

## SEGID 0830 Benbrook Lake

### AUID 0830_01 Lower portion of reservoir

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 56 | | 6 | 3.22 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 56 | | 1 | 1.74 | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 44 | 3.99 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 60 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 162 | 202.48 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 138 | 23.35 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 27.53 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 58 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 53 | | 11 | 0.19 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 57 | | 1 | 0.05 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 53 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 54 | | 25 | 38.69 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0830_01** Lower portion of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 490 | 215.41 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 75 | 22.87 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 43 | 27.45 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 211 | 0.07 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0830_02 Middle portion of reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 39 | | 1 | 4.48 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 39 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 34 | 3.15 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 39 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 39 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 138 | 23.35 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 27.53 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 162 | 202.48 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 42 | | 1 | 0.05 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 42 | | 6 | 0.17 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 39 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 40 | | 16 | 42.06 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 48 | 23.20 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 277 | 215.92 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0830_02** Middle portion of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 211 | 0.07 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0830_03 Upper portion of reservoir

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 31 | 5.17 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 36 | | 1 | 3.2 | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 27.53 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 138 | 23.35 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 162 | 202.48 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 35 | | 1 | 0.06 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 35 | | 5 | 0.15 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 33 | | 2 | 0.22 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 35 | | 17 | 43.06 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 110 | 219.65 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 41 | 24.06 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

## AUID 0830_03 Upper portion of reservoir

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 211 | 0.07 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0830_04 Remainder of reservoir

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 162 | 202.48 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 138 | 23.35 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 27.53 | 0 | | 75.00 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 211 | 0.07 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0830_05 Rock/Mustang Creek arm of Benbrook Lake.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 24 | | 1 | 3.65 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 17 | 3.87 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 162 | 202.48 | 0 | | 300.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 138 | 23.35 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 27.53 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 24 | | 1 | 0.05 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 24 | | 1 | 0.21 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 24 | | 15 | 39.97 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 82 | 217.95 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 31 | 24.16 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0830_05** Rock/Mustang Creek arm of Benbrook Lake.

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 211 | 0.07 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0831 Clear Fork Trinity River Below Lake Weatherford

**AUID 0831_01** Lower 12.75 miles, downstream from South Fork Trinity River confluence

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 12 | | 1 | 4.3 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 46 | 99.09 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 20 | 360.37 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 13 | 53.08 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 13 | 51.08 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 12 | | 8 | 1.02 | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 11 | | 11 | 0.74 | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 11 | | 4 | 2.6 | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 13 | | 3 | 2.23 | 0.33 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0831_01** Lower 12.75 miles, downstream from South Fork Trinity River confluence

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 11 | 435.45 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 13 | 53.08 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 13 | 51.08 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 17 | 1.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 13 | 0.99 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0831_03** From the confluence with South Fork of Trinity R. to a point 2 mi upstream

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 35 | 39.43 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 32.20 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 13 | 51.08 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 20 | 360.37 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 13 | 53.08 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 27 | 268.81 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 17 | 1.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 13 | 0.99 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0831_04** 2 mi upstream of South Fork Trinity River confluence to Squaw Ck. Confluence

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5c |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 0 | | | | 3.00 | ID | NA | ☑ | CN | depressed dissolved oxygen | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 37 | 54.09 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 13 | 53.08 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 13 | 51.08 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 20 | 360.37 | 0 | | 500.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 17 | 1.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 13 | 0.99 | 0 | | 4.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0831_05** From the confluence of Squaw Ck. to Lake Weatherford Dam

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5c |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 0 | | | | 3.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5b |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 5 | 26.12 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 13 | 51.08 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 20 | 360.37 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 13 | 53.08 | 0 | | 100.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 13 | 0.99 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 17 | 1.13 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0831A South Fork Trinity River (unclassified water body)

### AUID 0831A_01

Eleven mile stretch of S. Fork Trinity River running upstream from confluence with Clear Fork Trinity River to confluence with Willow Creek, Parker Co.

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2000 | 11/30/2010 | 18 | 102.95 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 0 | | | | 0.37 | ID | NA | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 0 | | | | 0.69 | ID | NA | ☑ | CS | total phosphorus | |

## SEGID 0831B Unnamed Tributary of South Fork Trinity River (unclassified water body)

### AUID 0831B_01

Entire segment.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | CS | depressed dissolved oxygen | |

## SEGID 0832 Lake Weatherford

### AUID 0832_01 Entire reservoir

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 1 | 4.21 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 15 | 3.36 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 20 | 28.05 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 20 | 27.80 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 21 | 235.90 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 20 | | 1 | 0.17 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 18 | | 7 | 33.69 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0832_01** Entire reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 104 | 246.00 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 20 | 27.80 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 20 | 28.05 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 20 | 0.17 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 20 | 0.07 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0833 Clear Fork Trinity River Above Lake Weatherford

### AUID 0833_02 Upper 11 miles of segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | | | 3.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5c |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 0 | | 0 | | 5.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5c |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 0 | | | | 3.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5c |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 0 | | | | 14.10 | ID | NA | ☑ | CS | chlorophyll-a | |

### AUID 0833_03 From the confluence of McKnight Branch to the confluence of Cottonwood Ck.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | 0 | | 5.00 | ID | NA | ☑ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 0 | | | | 3.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5b |

### AUID 0833_04 From the confluence with Dobbs Branch to confluence with McKnight Branch

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | 0 | | 3.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5c |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 0 | | | | 3.00 | ID | NA | ☑ | CN | depressed dissolved oxygen | |

## SEGID 0834 Lake Amon G. Carter

### AUID 0834_01 Entire reservoir

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 11 | 2.92 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 1 | 6.00 | 0 | | 200.00 | ID | NA | ☐ | NA | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 33.90 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 14 | 185.89 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 14 | 21.57 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 14 | 13.00 | 0 | | 150.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 14 | | 1 | 0.13 | 0.11 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0834_01** Entire reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 74 | 196.58 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 14 | 21.57 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 14 | 13.00 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 14 | 0.24 | 0 | | 4.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 13 | 0.07 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0836 Richland-Chambers Reservoir

### AUID 0836_01 Lowermost portion of reservoir, adjacent to dam

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 37 | | 4 | 4.07 | 5.00 | AD | NC | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 22 | 1.44 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 37 | | 1 | 10.9 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 316 | 181.13 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 169 | 10.60 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 29.34 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 32 | | 3 | 0.4 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 32 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 32 | | 1 | 0.46 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 32 | | 2 | 32.35 | 26.70 | AD | NC | ☐ | NC | | |

**AUID** 0836_01 Lowermost portion of reservoir, adjacent to dam

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**USE** Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 334 | 181.66 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 42 | 10.08 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0836_01** Lowermost portion of reservoir, adjacent to dam

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 277 | 0.17 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0836_02** Confluence of Richland and Chambers Creek arms

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 26 | 1.00 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 29.34 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 316 | 181.13 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 169 | 10.60 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 34 | | 3 | 0.38 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 34 | | 1 | 0.13 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 34 | | 1 | 0.44 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 34 | | 6 | 30.87 | 26.70 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |

**AUID** 0836_02 Confluence of Richland and Chambers Creek arms

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**USE** Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 337 | 179.02 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 47 | 10.20 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 277 | 0.17 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0836_03 Lower portion of Chambers Creek arm

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 75 | | 4 | 4.5 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 75 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 5 | | 1 | 4.9 | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 35 | 1.14 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 1 | 29.00 | 0 | | 200.00 | ID | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 76 | | 2 | 10.65 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 76 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 169 | 10.60 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 29.34 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 316 | 181.13 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 35 | | 7 | 34.64 | 26.70 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 35 | | 6 | 0.48 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 35 | | 2 | 0.14 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 35 | | 1 | 0.38 | 0.20 | AD | NC | ☐ | NC | | |

**AUID** 0836_03 Lower portion of Chambers Creek arm

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |

**USE** Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 636 | 184.37 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 86 | 29.27 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0836_03** Lower portion of Chambers Creek arm

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 97 | 10.57 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 277 | 0.17 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0836_04 Upper portion of Chambers Creek arm

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 20 | 1.84 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 48 | | 1 | 10.75 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 169 | 10.60 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 29.34 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 316 | 181.13 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 18 | | 2 | 0.09 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 18 | | 9 | 0.28 | 0.20 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 18 | | 9 | 37.52 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 18 | | 6 | 1.09 | 0.37 | AD | CS | ☐ | CS | nitrate | |

**AUID** 0836_04 Upper portion of Chambers Creek arm

**USE** Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

**USE** Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 2 | 34.90 | 0 | | 300.00 | ID | NA | ☐ | NA | | |
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 122 | 210.61 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0836_04** Upper portion of Chambers Creek arm

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 28 | 15.65 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 277 | 0.17 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## AUID 0836_05 Lower portion of Richland Creek arm

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 1 | 4.74 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 26 | 1.03 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 41 | | 2 | 9.25 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 169 | 10.60 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 29.34 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 316 | 181.13 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 34 | | 10 | 33.69 | 26.70 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 32 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 34 | | 3 | 0.14 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 33 | | 1 | 0.44 | 0.20 | AD | NC | ☐ | NC | | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |

**AUID** **0836_05** Lower portion of Richland Creek arm

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 268 | 181.29 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 38 | 9.78 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 277 | 0.17 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** 0836_06 Upper portion of Richland Creek arm

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 48 | | 1 | 4.7 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

**USE** Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 22 | 2.13 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

**USE** General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 32.80 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 48 | | 1 | 10 | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 48 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 316 | 181.13 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 169 | 10.60 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 29.34 | 0 | | 110.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 16 | | 3 | 1 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 16 | | 1 | 0.19 | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 16 | | 3 | 0.13 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 16 | | 5 | 0.25 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 16 | | 2 | 33 | 26.70 | AD | NC | ☐ | NC | | |

## AUID 0836_06 Upper portion of Richland Creek arm

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 134 | 172.51 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 26 | 10.40 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0836_06** Upper portion of Richland Creek arm

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 277 | 0.17 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

**AUID** **0836_07** Remainder of reservoir

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 316 | 181.13 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 169 | 10.60 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 29.34 | 0 | | 110.00 | AD | FS | ☐ | FS | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |

## AUID 0836_07 Remainder of reservoir

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 277 | 0.17 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0836_08** Post Oak Creek Arm off of Chambers Creek Arm of Richland Chambers Reservoir.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 1 | 4.28 | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 32.80 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 316 | 181.13 | 0 | | 400.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 169 | 10.60 | 0 | | 75.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 29 | 29.34 | 0 | | 110.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.61 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.83 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 525.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 4.38 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.13 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 35.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.60 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.53 | ID | NA | ☐ | NA | | |

## AUID 0836_08 Post Oak Creek Arm off of Chambers Creek Arm of Richland Chambers Reservoir.

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.06 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 250.00 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 5.25 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.23 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.04 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.14 | ID | NA | ☐ | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.25 | ID | NA | ☐ | NA | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 22 | 300.77 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 277 | 0.17 | 0 | | 10.00 | AD | FS | ☐ | FS | | |

## SEGID 0836B Cedar Creek (unclassified water body)

## AUID 0836B_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | NS | depressed dissolved oxygen | 5b |

## SEGID 0836C Grape Creek (unclassified water body)

### AUID 0836C_01 Entire segment.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | | | 3.00 | ID | NA | ☑ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 0 | | | | 3.00 | ID | NA | ☑ | CN | depressed dissolved oxygen | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 0 | | | | 2.00 | ID | NA | ☑ | CN | depressed dissolved oxygen | |

## SEGID 0836D Post Oak Creek (unclassified water body)

### AUID 0836D_01 Entire segment.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 0 | | | | 5.00 | ID | NA | ☑ | CS | depressed dissolved oxygen | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0837 Richland Creek Above Richland-Chambers Reservoir

**AUID** 0837_01 Entire segment

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 2 | 4.25 | 5.00 | LD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 100.51 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 1,237.80 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 46.97 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 257.01 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 3,279.55 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 265.52 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | 2.20 | 0 | | 14.35 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 3 | 1.07 | 0 | | 121.97 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 0.09 | 0 | | 3.18 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 3 | 0.02 | 0 | | 1.19 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 3 | 2.33 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 3 | 0.40 | 0 | | 206.67 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 3 | 1.72 | 0 | | 183.41 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 4 | 95.06 | 0 | | 126.00 | LD | NC | ☐ | NC | | |

**AUID** **0837_01** Entire segment

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 32.20 | LD | NC | ☐ | NC | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 9.00 | LD | NC | ☐ | NC | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 6.50 | LD | NC | ☐ | NC | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2000 | 11/30/2010 | 17 | 336.12 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2000 | 11/30/2010 | 17 | 37.67 | 0 | | 145.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2000 | 11/30/2010 | 17 | 61.69 | 0 | | 170.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2000 | 11/30/2010 | 4 | | 1 | 14.6 | 14.10 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2000 | 11/30/2010 | 17 | | 3 | 2.76 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2000 | 11/30/2010 | 16 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2000 | 11/30/2010 | 17 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2000 | 11/30/2010 | 5 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 3 | 0.16 | 0 | | 6.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 0.09 | 0 | | 1.15 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 3 | 0.02 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 3 | 0.40 | 0 | | 62.00 | ID | NA | ☐ | NA | | |

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2000 | 11/30/2010 | 17 | 336.12 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2000 | 11/30/2010 | 17 | 37.67 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2000 | 11/30/2010 | 17 | 61.69 | 0 | | 300.00 | AD | NC | ☐ | NC | | |

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**AUID** **0837_01** Entire segment

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 3 | 2.33 | 0 | | 10.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 3 | 82.00 | 0 | | 2,000.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 3 | 0.02 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 5 | 0.23 | 0 | | 4.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 3 | 0.09 | 0 | | 1.15 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2000 | 11/30/2010 | 16 | 1.07 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Antimony | 12/1/2003 | 11/30/2010 | 3 | 0.16 | 0 | | 6.00 | ID | NA | ☐ | NA | | |

## SEGID 0838 Joe Pool Lake

### AUID 0838_01 Lowermost portion of reservoir adjacent to the dam

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 49 | | 1 | 4.54 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 49 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 16 | 2.44 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 86 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 49 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 49 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 202 | 331.92 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 77 | 20.12 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 75 | 112.36 | 0 | | 250.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 42 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 11 | | 1 | 67.1 | 26.70 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0838_01** Lowermost portion of reservoir adjacent to the dam

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 62.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Ethylbenzene | 12/1/2003 | 11/30/2010 | 15 | 0.05 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 1.15 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2003 | 11/30/2010 | 15 | 0.08 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 254 | 308.71 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 27 | 17.62 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 27 | 102.90 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 1.15 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 140 | 0.22 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.88 | 0 | | 50.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Benzene | 12/1/2003 | 11/30/2010 | 15 | 0.08 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Ethylbenzene | 12/1/2003 | 11/30/2010 | 15 | 0.05 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Toluene | 12/1/2003 | 11/30/2010 | 15 | 0.13 | 0 | | 1,000.00 | AD | FS | ☐ | FS | | |
| Surface Water Toxic Substances average concern | MTBE | 12/1/2003 | 11/30/2010 | 4 | 0.85 | 0 | | 240.00 | LD | NC | ☐ | NC | | |

## AUID 0838_02 Mountain Creek arm

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 80 | | 6 | 4.27 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 71.65 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 968.07 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 35.40 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 175.41 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 205.91 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | 3.28 | 0 | | 149.84 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 1.44 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 252.17 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | 1.78 | 0 | | 17.67 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 4.33 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.88 | 0 | | 5.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 57 | 29.14 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 72 | 70.57 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 96 | | 1 | 33.4 | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

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**AUID** **0838_02** Mountain Creek arm

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 202 | 331.92 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 77 | 20.12 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 75 | 112.36 | 0 | | 250.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 57 | | 15 | 0.86 | 0.37 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 52 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 56 | | 1 | 0.31 | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 35 | | 2 | 0.31 | 0.20 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 26 | | 6 | 59.25 | 26.70 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2003 | 11/30/2010 | 15 | 0.08 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Ethylbenzene | 12/1/2003 | 11/30/2010 | 15 | 0.05 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 62.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 1.15 | LD | NC | ☐ | NC | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 109 | 353.40 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 40 | 22.31 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 38 | 121.67 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 5.00 | LD | NC | ☐ | NC | | |

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**AUID** **0838_02** Mountain Creek arm

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 1.15 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 140 | 0.22 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.88 | 0 | | 50.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Benzene | 12/1/2003 | 11/30/2010 | 15 | 0.08 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Ethylbenzene | 12/1/2003 | 11/30/2010 | 15 | 0.05 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Toluene | 12/1/2003 | 11/30/2010 | 15 | 0.13 | 0 | | 1,000.00 | AD | FS | ☐ | FS | | |
| Surface Water Toxic Substances average concern | MTBE | 12/1/2003 | 11/30/2010 | 4 | 0.85 | 0 | | 240.00 | LD | NC | ☐ | NC | | |

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**AUID** **0838_03** Walnut Creek arm

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 17 | 4.40 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 202 | 331.92 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 77 | 20.12 | 0 | | 100.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 75 | 112.36 | 0 | | 250.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2003 | 11/30/2010 | 15 | 0.08 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Ethylbenzene | 12/1/2003 | 11/30/2010 | 15 | 0.05 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 62.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0838_03** Walnut Creek arm

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 1.15 | LD | NC | ☐ | NC | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 53 | 314.54 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Chloride | 12/1/2003 | 11/30/2010 | 25 | 18.54 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water Dissolved Solids average | Sulfate | 12/1/2003 | 11/30/2010 | 25 | 108.13 | 0 | | 300.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.88 | 0 | | 50.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Toluene | 12/1/2003 | 11/30/2010 | 15 | 0.13 | 0 | | 1,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Benzene | 12/1/2003 | 11/30/2010 | 15 | 0.08 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 140 | 0.22 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 1.15 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Ethylbenzene | 12/1/2003 | 11/30/2010 | 15 | 0.05 | 0 | | 700.00 | AD | FS | ☐ | FS | | |
| Surface Water Toxic Substances average concern | MTBE | 12/1/2003 | 11/30/2010 | 4 | 0.85 | 0 | | 240.00 | LD | NC | ☐ | NC | | |

## SEGID 0838A Mountain Creek (unclassified water body)

**AUID** 0838A_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 91.83 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5,987.26 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 485.19 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 635.79 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 2,216.78 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 224.26 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.98 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 10 | 0.04 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | 0.26 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | 3.66 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 10 | 0.07 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 10 | 5.92 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | 3.13 | 0 | | 91.97 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 13 | | 2 | 2.25 | 1.95 | AD | NC | ☐ | NC | | |

**AUID** **0838A_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 13 | | 1 | 0.62 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | 0.29 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 6 | 0.08 | 0 | | 3.83 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 6 | 0.25 | 0 | | 1,071.00 | LD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0838B Sugar Creek (unclassified water body)

**AUID** 0838B_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 41.78 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 137.33 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 20.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 95.45 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 654.45 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 21.88 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | 4.32 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 4 | 2.05 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 7 | 0.50 | 0 | | 2.08 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 7 | 2.50 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | 2.28 | 0 | | 10.80 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 81 | 77.00 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 70 | 202.59 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

**AUID** **0838B_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 27 | | 6 | 61.83 | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 7 | 2.50 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 7 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

## SEGID 0838C Walnut Creek (unclassified water body)

**AUID** 0838C_01 Entire segment.

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 176.15 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 1,860.25 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 16 | | 0 | | 28.69 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 484.12 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 2,106.53 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 404.70 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 16 | 4.60 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 18 | 5.22 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.88 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 18 | 0.25 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 18 | 1.33 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 18 | 0.07 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | 1.12 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 4.22 | 0 | | 138.36 | AD | FS | ☐ | FS | | |

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**AUID** **0838C_01** Entire segment.

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 61 | 285.01 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 58 | 462.64 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 36 | | 1 | 2.54 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 31 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 19 | | 1 | 29.2 | 14.10 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 17 | 1.41 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 17 | 0.26 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 12 | 0.14 | 0 | | 1,071.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0839 Elm Fork Trinity River Below Ray Roberts Lake

**AUID** 0839_01 Entire segment

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 69 | | 1 | 3 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 32.04 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 539.73 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 18.08 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 70.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,391.42 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 112.50 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 2.46 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 1.62 | 0 | | 154.53 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 1.45 | 0 | | 12.07 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.15 | 0 | | 1.01 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 175.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | 7.47 | 0 | | 102.73 | AD | FS | ☐ | FS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |

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**AUID** **0839_01** Entire segment

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| High pH | pH | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 69 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 69 | 186.73 | 0 | | 500.00 | AD | FS | ☐ | FS | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 69 | 186.73 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 13 | 54.83 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## SEGID 0839A Clear Creek (unclassified water body)

### AUID 0839A_01 Entire segment.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 19 | 77.26 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0840 Ray Roberts Lake

**AUID** 0840_01 Lowermost portion of reservoir adjacent to dam

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 30.94 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 109.58 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,355.30 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 67.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 526.16 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 17.56 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 2.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 1.61 | 0 | | 150.52 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | 8.32 | 0 | | 100.06 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 1.16 | 0 | | 11.76 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.15 | 0 | | 0.99 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 170.68 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 1 | 10.00 | 0 | | 126.00 | ID | NA | ☐ | NA | | |

**AUID** **0840_01** Lowermost portion of reservoir adjacent to dam

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 73 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 373 | 174.35 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 3 | 12.00 | 0 | | 80.00 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 3 | 14.33 | 0 | | 60.00 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.11 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 0.20 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.37 | ID | NA | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 26.70 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 0.05 | ID | NA | ☐ | NA | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 70 | 2.54 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 3 | 0.22 | 0 | | 10.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 3 | 0.13 | 0 | | 4.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 65 | 50.65 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0840_01** Lowermost portion of reservoir adjacent to dam

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 70 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

**AUID** **0840_02** Lower portion of Jordan Creek arm west of Pilot Point

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 66 | | 1 | 2.4 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 66 | | 1 | 2.4 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 17.56 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 109.58 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,355.30 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 67.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 526.16 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 30.94 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | 6.07 | 0 | | 100.06 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.15 | 0 | | 0.99 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 170.68 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 0.94 | 0 | | 11.76 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 2.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 1.63 | 0 | | 150.52 | AD | FS | ☐ | FS | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

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**AUID** **0840_02** Lower portion of Jordan Creek arm west of Pilot Point

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 373 | 174.35 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 3 | 12.00 | 0 | | 80.00 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 3 | 14.33 | 0 | | 60.00 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 70 | 2.54 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 67 | 176.61 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 3 | 0.13 | 0 | | 4.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 65 | 50.65 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 70 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 3 | 0.22 | 0 | | 10.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0840_03** Upper portion of Jordan Creek arm

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 4 | 4.06 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 109.58 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 1,355.30 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 67.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 17.56 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 30.94 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 526.16 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 170.68 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | 2.88 | 0 | | 150.52 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 4.05 | 0 | | 100.06 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.15 | 0 | | 0.99 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 2.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 2.24 | 0 | | 11.76 | AD | FS | ☐ | FS | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

## AUID 0840_03 Upper portion of Jordan Creek arm

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 373 | 174.35 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 3 | 12.00 | 0 | | 80.00 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 3 | 14.33 | 0 | | 60.00 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | ammonia | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | total phosphorus | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 70 | 2.54 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

### USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 73 | 163.15 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 70 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 65 | 50.65 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 3 | 0.13 | 0 | | 4.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 3 | 0.22 | 0 | | 10.00 | ID | NA | ☐ | NA | | |

**AUID** **0840_04** Buck Creek cove

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 1 | 3.2 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 526.16 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 1,355.30 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 109.58 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 17.56 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 67.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 30.94 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.15 | 0 | | 0.99 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 170.68 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 1.38 | 0 | | 11.76 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 2.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | 2.07 | 0 | | 150.52 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 5.97 | 0 | | 100.06 | AD | FS | ☐ | FS | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 73 | | 1 | 32.4 | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 74 | | 1 | 9.1 | 9.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0840_04** Buck Creek cove

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 373 | 174.35 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 3 | 12.00 | 0 | | 80.00 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 3 | 14.33 | 0 | | 60.00 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | | | | | | ID | NA | ☑ | CS | ammonia | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 70 | 2.54 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 73 | 174.65 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 70 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 65 | 50.65 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 3 | 0.13 | 0 | | 4.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 3 | 0.22 | 0 | | 10.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0840_05** Lower portion of Elm Fork arm

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 373 | 174.35 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 3 | 14.33 | 0 | | 60.00 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 3 | 12.00 | 0 | | 80.00 | ID | NA | ☐ | NA | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 70 | 2.54 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 70 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 65 | 50.65 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 3 | 0.13 | 0 | | 4.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 3 | 0.22 | 0 | | 10.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0840_06** Middle portion of Elm Fork arm

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 3 | 14.33 | 0 | | 60.00 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 373 | 174.35 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 3 | 12.00 | 0 | | 80.00 | ID | NA | ☐ | NA | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 70 | 2.54 | 0 | | 62.00 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 70 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 65 | 50.65 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 3 | 0.13 | 0 | | 4.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 3 | 0.22 | 0 | | 10.00 | ID | NA | ☐ | NA | | |

**AUID** **0840_07** Upper portion of Elm Fork arm

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 67.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 109.58 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 17.56 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 1,355.30 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 30.94 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 526.16 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 14 | 2.68 | 0 | | 170.68 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 13 | 9.36 | 0 | | 100.06 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 13 | 1.73 | 0 | | 150.52 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 13 | 1.64 | 0 | | 11.76 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 14 | 0.15 | 0 | | 0.99 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 14 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 14 | 0.50 | 0 | | 2.36 | AD | FS | ☐ | FS | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |

**AUID** **0840_07** Upper portion of Elm Fork arm

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Low pH | pH | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 373 | 174.35 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 3 | 12.00 | 0 | | 80.00 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 3 | 14.33 | 0 | | 60.00 | ID | NA | ☐ | NA | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 70 | 2.54 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water Dissolved Solids average | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 67 | 177.94 | 0 | | 1,000.00 | AD | NC | ☐ | NC | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 65 | 50.65 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 3 | 0.22 | 0 | | 10.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 70 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 3 | 0.13 | 0 | | 4.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0840_08** Remainder of reservoir

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 10 | 4.41 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 1 | 2.6 | 3.00 | AD | FS | ☐ | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2003 | 11/30/2010 | 19 | | 3 | 4.5 | 5.00 | TR | NA | ☐ | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2003 | 11/30/2010 | 19 | | 3 | 1.93 | 3.00 | TR | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 32.20 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 20 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 373 | 174.35 | 0 | | 500.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 3 | 12.00 | 0 | | 80.00 | ID | NA | ☐ | NA | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 3 | 14.33 | 0 | | 60.00 | ID | NA | ☐ | NA | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 70 | 2.54 | 0 | | 62.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |

## USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Lead | 12/1/2003 | 11/30/2010 | 70 | 0.50 | 0 | | 1.15 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2003 | 11/30/2010 | 3 | 0.22 | 0 | | 10.00 | ID | NA | ☐ | NA | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2003 | 11/30/2010 | 3 | 0.13 | 0 | | 4.00 | ID | NA | ☐ | NA | | |

**AUID** **0840_08** Remainder of reservoir

**USE** **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2003 | 11/30/2010 | 70 | 2.50 | 0 | | 10.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Barium | 12/1/2003 | 11/30/2010 | 65 | 50.65 | 0 | | 2,000.00 | AD | FS | ☐ | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2003 | 11/30/2010 | 70 | 0.15 | 0 | | 5.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0841 Lower West Fork Trinity River

**AUID** 0841_01 From confluence of the Elm Fork Trinity River to the confluence with Johnson Creek

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 93 | | 0 | | 2.50 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 93 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 65.21 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 16 | | 0 | | 191.86 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 2,370.92 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 157.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 904.17 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 991.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 32.73 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 19 | 1.93 | 0 | | 18.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | 3.08 | 0 | | 233.95 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 22 | 0.50 | 0 | | 4.58 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 22 | 0.15 | 0 | | 1.49 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 10 | 2.50 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 21 | 10.74 | 0 | | 155.63 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 22 | 3.00 | 0 | | 261.58 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0841_01** From confluence of the Elm Fork Trinity River to the confluence with Johnson Creek

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 59 | 188.19 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 11 | 221.11 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water Temperature | Temperature | 12/1/2003 | 11/30/2010 | 95 | | 0 | | 35.00 | AD | FS | ☐ | FS | | |
| High pH | pH | 12/1/2003 | 11/30/2010 | 95 | | 0 | | 9.00 | AD | FS | ☐ | FS | | |
| Low pH | pH | 12/1/2003 | 11/30/2010 | 95 | | 0 | | 6.50 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 156 | 438.27 | 0 | | 850.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 49 | 65.23 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 50 | 58.04 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 73 | | 1 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 54 | | 37 | | 0.69 | AD | CS | ☐ | CS | total phosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 62 | | 56 | | 1.95 | AD | CS | ☐ | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 59 | | 25 | | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 72 | | 55 | | 0.37 | AD | CS | ☐ | CS | orthophosphorus | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 27 | 2.91 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 26 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0841_02** From the confluence with Johnson Creek upstream to the confluence of Village Creek

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 81 | | 1 | | | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 81 | | 0 | | | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 1 | | 0 | | | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 6 | | 0 | | | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | | 0 | | | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 6 | | 0 | | | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 7 | | 0 | | | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 676.00 | LD | NC | ☐ | NC | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 84 | 160.45 | | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 72 | 478.36 | | | 200.00 | SM | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Solids | Total Dissolved Solids | 12/1/2003 | 11/30/2010 | 156 | 438.27 | 0 | | 850.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Chloride | 12/1/2003 | 11/30/2010 | 49 | 65.23 | 0 | | 175.00 | AD | FS | ☐ | FS | | |
| Dissolved Solids | Sulfate | 12/1/2003 | 11/30/2010 | 50 | 58.04 | 0 | | 175.00 | AD | FS | ☐ | FS | | |

## AUID 0841_02 From the confluence with Johnson Creek upstream to the confluence of Village Creek

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 26 | | 19 | | 1.95 | AD | CS | ☑ | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 22 | | 17 | | 0.37 | AD | CS | ☑ | CS | orthophosphorus | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 26 | | 20 | | 0.69 | AD | CS | ☑ | CS | total phosphorus | |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☑ | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 7 | 2.91 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 6 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

## SEGID 0841A Mountain Creek Lake (unclassified water body)

## AUID 0841A_01 Entire reservoir

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DSHS Advisories, Closures, and Risk Assessments | Advisory Rescinded | 12/1/2003 | 11/30/2010 | | | | | | OE | FS | ☐ | FS | DDD in edible tissue | |
| DSHS Advisories, Closures, and Risk Assessments | Advisory Rescinded | 12/1/2003 | 11/30/2010 | | | | | | OE | FS | ☐ | FS | DDE in edible tissue | |
| DSHS Advisories, Closures, and Risk Assessments | Advisory Rescinded | 12/1/2003 | 11/30/2010 | | | | | | OE | FS | ☐ | FS | DDT in edible tissue | |
| DSHS Advisories, Closures, and Risk Assessments | Advisory Rescinded | 12/1/2003 | 11/30/2010 | | | | | | OE | FS | ☐ | FS | dieldrin in edible tissue | |
| DSHS Advisories, Closures, and Risk Assessments | Advisory Rescinded | 12/1/2003 | 11/30/2010 | | | | | | OE | FS | ☐ | FS | heptachlor epoxide in edible tissue | 4a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2003 | 11/30/2010 | | | | | | OE | NS | ☐ | NS | PCBs in edible tissue | 4a |
| DSHS Advisories, Closures, and Risk Assessments | Advisory Rescinded | 12/1/2003 | 11/30/2010 | | | | | | OE | FS | ☐ | FS | chlordane in edible tissue | |

## SEGID 0841B Bear Creek (unclassified water body)

**AUID** 0841B_01 Entire segment.

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 131 | | 5 | 2.04 | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 131 | | 2 | 1.5 | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 100 | | 0 | | 216.55 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 95 | | 0 | | 277.14 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 20.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 80 | | 0 | | 41.38 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 100 | | 0 | | 1,108.61 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 102 | | 0 | | 106.41 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | | 0 | | 4,419.34 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 80 | 2.39 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 95 | 3.46 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 19 | 0.37 | 0 | | 5.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 100 | 0.47 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 100 | 3.34 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 102 | 0.14 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 15 | 1.89 | 0 | | 190.00 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 14 | 3.79 | 0 | | 138.36 | AD | FS | ☐ | FS | | |

**AUID** **0841B_01** Entire segment.

**USE** **Aquatic Life Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | Cadmium | 12/1/2000 | 11/30/2010 | 10 | | 0 | | 4.98 | AD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Nickel | 12/1/2000 | 11/30/2010 | 10 | | 0 | | 48.60 | AD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Iron | 12/1/2000 | 11/30/2010 | 8 | | 2 | 67300 | 40,000.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Zinc | 12/1/2000 | 11/30/2010 | 9 | | 0 | | 459.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Silver | 12/1/2000 | 11/30/2010 | 9 | | 0 | | 2.20 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2000 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |
| Toxic Substances in sediment | Mercury | 12/1/2000 | 11/30/2010 | 9 | | 0 | | 1.06 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Manganese | 12/1/2000 | 11/30/2010 | 9 | | 1 | 1120 | 1,100.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Lead | 12/1/2000 | 11/30/2010 | 9 | | 0 | | 128.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Chromium | 12/1/2000 | 11/30/2010 | 9 | | 0 | | 111.00 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Arsenic | 12/1/2000 | 11/30/2010 | 10 | | 0 | | 33.00 | AD | NC | ☐ | NC | | |
| Toxic Substances in sediment | Copper | 12/1/2000 | 11/30/2010 | 9 | | 0 | | 149.00 | LD | NC | ☐ | NC | | |

**USE** **Recreation Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 316 | | 94 | 2557.16 | 394.00 | SM | NS | ☐ | NA | bacteria | |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 260 | 124.60 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 171 | 320.58 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 133 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 132 | | 12 | 24.13 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 98 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |

**AUID** **0841B_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 131 | | 2 | 3.52 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 141 | | 2 | 0.62 | 0.33 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 100 | 3.34 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 100 | 0.47 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841C Arbor Creek (unclassified water body)

**AUID** 0841C_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 3.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 27.65 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 100.72 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 59.90 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 484.98 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 62.24 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 4 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 4 | 10.23 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 0.50 | 0 | | 2.08 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 4 | 2.50 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | 2.15 | 0 | | 10.80 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 68 | | 22 | 3576.18 | 394.00 | SM | NS | ☐ | NA | bacteria | |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 44 | 105.96 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 42 | 317.43 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

**AUID** **0841C_01** Entire segment.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 12 | | 1 | 36 | 14.10 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 3 | 0.50 | 0 | | 3.83 | ID | NA | ☐ | NA | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 4 | 2.50 | 0 | | 502.00 | LD | NC | ☐ | NC | | |

## SEGID 0841D Big Bear Creek (unclassified water body)

### AUID 0841D_01 Entire segment.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 23 | 69.05 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

#### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 27 | | 1 | 5.08 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 25 | | 1 | 0.86 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 27 | | 1 | 1 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 25 | | 2 | 23.75 | 14.10 | AD | NC | ☐ | NC | | |

## SEGID 0841E Copart Branch Mountain Creek (unclassified water body)

**AUID** 0841E_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 1 | 2.9 | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 250.45 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 235.40 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 566.65 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 92.98 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 44.02 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 0.75 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 6 | 5.75 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 7 | 0.50 | 0 | | 2.08 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 4 | 1.87 | 0 | | 10.80 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 157.32 | LD | NC | ☐ | NC | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 69 | 254.46 | 1 | | 200.00 | SM | NA | ☐ | NA | | |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 82 | 107.49 | 0 | | 126.00 | AD | FS | ☐ | FS | | |

**AUID** **0841E_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 26 | | 1 | 30 | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | 2.50 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 7 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

## SEGID 0841F Cottonwood Creek (unclassified water body)

**AUID** 0841F_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 86 | | 15 | 3.98 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 86 | | 1 | 1.8 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 140.49 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 20.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 32 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 22 | 2.50 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 5 | 0.85 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 25 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 36 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 37 | 1.67 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 32 | 18.54 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 29 | 2.02 | 0 | | 10.80 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 200 | 274.95 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 134 | 435.62 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

**AUID** **0841F_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 52 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 45 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 53 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 50 | | 0 | | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 37 | 1.67 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 25 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841G Dalworth Creek (unclassified water body)

**AUID** 0841G_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 19 | | 7 | 3.89 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 19 | | 1 | 1 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 346.09 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 100.72 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 3,037.63 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 128.25 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 1,037.45 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 2 | 2.23 | 0 | | 10.80 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 4 | 0.50 | 0 | | 2.08 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 4 | 10.45 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 44 | 797.86 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 32 | 1519.67 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

**AUID** **0841G_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 13 | | 1 | 0.67 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 14 | | 1 | 32.1 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 14 | | 3 | 6.4 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 12 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 13 | | 2 | 1.09 | 0.69 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 4 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

## SEGID 0841H Delaware Creek (unclassified water body)

**AUID** 0841H_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 17 | | 1 | 2.4 | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 76 | | 0 | | 62.02 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 76 | | 0 | | 871.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 70 | | 1 | 73 | 31.39 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 76 | | 0 | | 149.06 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 70 | | 0 | | 184.77 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 76 | 0.51 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 70 | 4.47 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 76 | 3.59 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 76 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 70 | 3.88 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 76 | 213.86 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 51 | 504.25 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |

**AUID** **0841H_01** Entire segment.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 76 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 75 | | 1 | 2.84 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 70 | | 16 | 36.95 | 14.10 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 76 | 0.51 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 76 | 3.59 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

## SEGID 0841I Dry Branch Creek (unclassified water body)

**AUID** 0841I_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 188.32 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 153.39 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 32.06 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 63.62 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 888.04 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 3.41 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | 1.89 | 0 | | 10.80 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 6.05 | 0 | | 91.97 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 11 | 175.58 | 1 | | 126.00 | LD | NS | ☐ | CN | bacteria | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 11 | 205.35 | 0 | | 200.00 | SM | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1.95 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 14.10 | LD | NC | ☐ | NC | | |

**AUID** **0841I_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 3.41 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841J Estelle Creek (unclassified water body)

**AUID** 0841J_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 72.45 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 976.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 9 | | 1 | 152 | 35.74 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 177.64 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 207.65 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 11 | 4.55 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 3.50 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 11 | 0.16 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 28 | 7.96 | 1 | | 10.80 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 11 | 508.54 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 11 | 626.05 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 11 | | 1 | 0.49 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1.95 | ID | NA | ☐ | NA | | |

**AUID** **0841J_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2000 | 11/30/2010 | 25 | | 5 | 33.2 | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 3.50 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841K Fish Creek (unclassified water body)

### AUID 0841K_01 Entire segment.

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 79 | | 19 | 3.63 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 79 | | 4 | 2.25 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 51 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 20.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 49 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 55 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 54 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 298.90 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 54 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 55 | 1.35 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 49 | 1.51 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 34 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 41 | 2.58 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 4 | 0.88 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 51 | 19.89 | 0 | | 91.97 | AD | FS | ☐ | FS | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 218 | | 67 | 2860.7 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 199 | 248.70 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |

**AUID** **0841K_01** Entire segment.

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 125 | 378.76 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 60 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 45 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 67 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 63 | | 11 | 43.31 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 65 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 55 | 1.35 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 34 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841L Johnson Creek (unclassified water body)

**AUID** 0841L_01 Entire segment.

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 101 | | 16 | 3.74 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 101 | | 2 | 2.4 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 50 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 47 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 20.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 35 | | 0 | | 132.03 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 61 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 360.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 991.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 56 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 50 | 1.65 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 56 | 19.77 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 8 | 0.58 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 35 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | 1.47 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 61 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 3 | 2.29 | 0 | | 190.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 47 | 2.88 | 0 | | 138.36 | AD | FS | ☐ | FS | | |

**AUID** **0841L_01** Entire segment.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 206 | 144.52 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 136 | 188.25 | 0 | | 200.00 | SM | NA | ☐ | NA | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 72 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 72 | | 6 | 120.67 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 74 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 68 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 52 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 63 | 1.47 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 35 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0841M Kee Branch (unclassified water body)

**AUID** **0841M_01** Three mile stretch of Kee Branch running upstream from confluence with Rush Creek to approx. 300 m upstream of Polly-Webb Road in Arlington, Tarrant Co. Sta. ID 10792

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 5.00 | AD | NC | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 21 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 22 | 1.35 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 21 | 23.93 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 22 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 22 | 3.75 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 23 | 1.07 | 0 | | 157.32 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 39 | 211.30 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |

### USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 23 | 1.07 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0841M_01** Three mile stretch of Kee Branch running upstream from confluence with Rush Creek to approx. 300 m upstream of Polly-Webb Road in Arlington, Tarrant Co. Sta. ID 10792

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841N Kirby Creek (unclassified water body)

### AUID 0841N_01 Entire segment

#### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 38 | | 12 | 4.03 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 38 | | 1 | 2.9 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 296.86 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 20.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 303.92 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 53.18 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 116.60 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 871.85 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 6 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 4 | 2.54 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 6 | 0.50 | 0 | | 2.08 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 3.90 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | 1.64 | 0 | | 10.80 | ID | NA | ☐ | NA | | |

#### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 84 | | 45 | 2852 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 99 | 621.45 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5b |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 62 | 887.28 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

**AUID** **0841N_01** Entire segment

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 25 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 24 | | 3 | 49.63 | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 6 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 3.90 | 0 | | 502.00 | LD | NC | ☐ | NC | | |

## SEGID 0841O Mountain Creek (unclassified water body)

**AUID** 0841O_01 Entire segment.

**USE** Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 126 | | 9 | 3.51 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 126 | | 3 | 2.73 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 991.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 360.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 71.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 36 | | 0 | | 920.24 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 35.40 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 34 | | 0 | | 175.41 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 1,994.59 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 20.00 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 195.39 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 19 | 2.00 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 25 | 3.45 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 5 | 0.90 | 0 | | 5.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 26 | 0.74 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 26 | 0.14 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2003 | 11/30/2010 | 5 | 1.28 | 0 | | 190.00 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 28 | 1.98 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 7 | 2.16 | 0 | | 138.36 | LD | NC | ☐ | NC | | |

**AUID** **0841O_01** Entire segment.

## USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

## USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 235 | 35.24 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 193 | 86.10 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 98 | | 1 | 9.52 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 79 | | 13 | 21.72 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 86 | | 1 | 1.21 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 86 | | 1 | 1.03 | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 100 | | 1 | 0.47 | 0.33 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 28 | 1.98 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 26 | 0.74 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Antimony | 12/1/2003 | 11/30/2010 | 5 | 0.21 | 0 | | 1,071.00 | LD | NC | ☐ | NC | | |

## SEGID 0841P North Fork Cottonwood Creek (unclassified water body)

**AUID** 0841P_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 1 | 2.9 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 20 | | 1 | 2.9 | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 28 | | 0 | | 83.06 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 29 | | 0 | | 1,077.74 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 26 | | 0 | | 40.06 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 16 | | 0 | | 91.54 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 2,842.46 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 27 | | 0 | | 230.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 28 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 27 | 20.27 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 1 | 1.00 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 23 | 2.50 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 16 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 29 | 1.31 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 26 | 1.41 | 0 | | 10.80 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 74 | 114.63 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 49 | 133.21 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

**AUID** **0841P_01** Entire segment.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 38 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 35 | | 4 | 30.45 | 14.10 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 40 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 15 | | 1 | 0.49 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 37 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 29 | 1.31 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 16 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

## SEGID 0841Q North Fork Fish Creek (unclassified water body)

**AUID** 0841Q_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 13 | | 1 | 3.8 | 5.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 13 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 76.51 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 216.33 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 188.91 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 1,015.39 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | | 0 | | 53.83 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 2.08 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.88 | 0 | | 5.00 | ID | NA | ☐ | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | 4.51 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 5 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 3 | 1.71 | 0 | | 10.80 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 53 | 87.97 | 0 | | 126.00 | AD | FS | ☐ | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 51 | 192.89 | 0 | | 200.00 | AD | FS | ☐ | FS | | |

**AUID** **0841Q_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 19 | | 1 | 0.36 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 18 | | 0 | | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 15 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 19 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 17 | | 0 | | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 5 | 2.50 | 0 | | 502.00 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 5 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |

## SEGID 0841R Rush Creek (unclassified water body)

**AUID** 0841R_01 Entire segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 30 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 63 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 33 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 59 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 66 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 63 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 63 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 66 | 1.07 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 63 | 1.22 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 33 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 63 | 2.50 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 59 | 23.86 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 63 | 0.16 | 0 | | 0.92 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 66 | 180.52 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 1.95 | AD | NC | ☐ | NC | | |

**AUID** **0841R_01** Entire segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 22 | | 8 | 21.23 | 14.10 | AD | CS | ☐ | CS | chlorophyll-a | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 22 | | 1 | 0.84 | 0.69 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 66 | 1.07 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 33 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841S Vilbig Lakes (unclassified water body)

**AUID 0841S_01** A 5 acre area in NW corner of Vilbig Lakes, near confluence with unnamed creek, approx. 100 m south of intersection of Rusdell Rd./Marvel Dr. in Irving, Dallas, Co.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 181.53 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 1,901.33 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 76.97 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 500.83 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 413.95 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 10 | 1.60 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | 4.85 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 10 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 10 | 3.90 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 10 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 31 | | 25 | 3674.88 | 394.00 | SM | NS | ☐ | NA | bacteria | 5c |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 10 | 1910.64 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5c |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 10 | 1881.70 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.05 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 26.70 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 0.11 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0841S_01** A 5 acre area in NW corner of Vilbig Lakes, near confluence with unnamed creek, approx. 100 m south of intersection of Rusdell Rd./Marvel Dr. in Irving, Dallas, Co.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 1 | | 1 | 8.86 | 0.37 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 0.20 | LD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 10 | 4.85 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 10 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841T Village Creek (unclassified water body)

**AUID** 0841T_01 A 7 mile stretch of Village Creek running upstream from confluence with West Fork Trinity River to SH 303 approx. 0.75 mi. downstream of Lake Arlington.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 3.00 | AD | NC | ☐ | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 2.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 59.90 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 15.99 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 22 | | 0 | | 100.72 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 24 | | 0 | | 484.98 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 27.65 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 1,245.85 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 23 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 24 | 1.06 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 23 | 1.30 | 0 | | 10.80 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 10 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2003 | 11/30/2010 | 23 | 2.50 | 0 | | 138.36 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 22 | 23.98 | 0 | | 91.97 | AD | FS | ☐ | FS | | |
| Toxic Substances in sediment | PCBs | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 676.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 24 | 166.87 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0841T_01** A 7 mile stretch of Village Creek running upstream from confluence with West Fork Trinity River to SH 303 approx. 0.75 mi. downstream of Lake Arlington.

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 10 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 24 | 1.06 | 0 | | 502.00 | AD | FS | ☐ | FS | | |

## SEGID 0841U West Irving Creek (unclassified water body)

**AUID** 0841U_01 A 4 mile stretch of West Irving Branch running upstream from approx. 0.4 mi. downstream of Oakdale Rd. to just south of Sowers Road in Irving, Dallas Co.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | | 0 | | 219.78 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 10 | | 0 | | 78.14 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 1,031.06 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 38.07 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 193.46 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 9 | 5.33 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 2.08 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 10 | 0.15 | 0 | | 0.92 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 3.68 | 0 | | 157.32 | AD | FS | ☐ | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 11 | 1.82 | 0 | | 10.80 | AD | FS | ☐ | FS | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 35 | | 13 | 4839.54 | 394.00 | SM | NS | ☐ | NA | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 22 | 327.61 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5a |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 10 | 515.65 | 1 | | 200.00 | SM | NS | ☐ | NS | | |

### USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 11 | | 1 | 0.78 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 8 | | 0 | | 0.69 | LD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 11 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |

# 2012 Texas Integrated Report: Assessment Results for Basin 8 - Trinity River

**AUID** **0841U_01** A 4 mile stretch of West Irving Branch running upstream from approx. 0.4 mi. downstream of Oakdale Rd. to just south of Sowers Road in Irving, Dallas Co.

## USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 1 | | 0 | | 1.95 | ID | NA | ☐ | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 11 | | 3 | 61.4 | 14.10 | AD | NC | ☐ | NC | | |

## USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 11 | 3.68 | 0 | | 502.00 | AD | FS | ☐ | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 11 | 0.50 | 0 | | 3.83 | AD | FS | ☐ | FS | | |

## SEGID 0841V Crockett Branch (unclassified water body)

**AUID** 0841V_01 Entire Segment.

### USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 11 | 4.14 | 5.00 | AD | CS | ☐ | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2003 | 11/30/2010 | 41 | | 0 | | 3.00 | AD | FS | ☐ | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 4 | | 0 | | 40.72 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | | 0 | | 306.63 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 211.88 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | | 0 | | 84.70 | LD | NC | ☐ | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | | 0 | | 20.00 | ID | NA | ☐ | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | | 0 | | 484.98 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2003 | 11/30/2010 | 5 | 3.98 | 0 | | 91.97 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2003 | 11/30/2010 | 7 | 0.15 | 0 | | 0.92 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | 3.48 | 0 | | 157.32 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2003 | 11/30/2010 | 4 | 2.17 | 0 | | 10.80 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2003 | 11/30/2010 | 7 | 0.50 | 0 | | 2.08 | LD | NC | ☐ | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2003 | 11/30/2010 | 2 | 0.88 | 0 | | 5.00 | ID | NA | ☐ | NA | | |

### USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacteria Geomean | E. coli | 12/1/2003 | 11/30/2010 | 80 | 740.06 | 1 | | 126.00 | AD | NS | ☐ | NS | bacteria | 5c |
| Bacteria Geomean | Fecal coliform | 12/1/2003 | 11/30/2010 | 68 | 1465.04 | 1 | | 200.00 | SM | NA | ☐ | NA | | |

**AUID** **0841V_01** Entire Segment.

**USE** **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nutrient Screening Levels | Nitrate | 12/1/2003 | 11/30/2010 | 25 | | 2 | 2.12 | 1.95 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2003 | 11/30/2010 | 23 | | 0 | | 0.37 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2003 | 11/30/2010 | 27 | | 2 | 0.75 | 0.33 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2003 | 11/30/2010 | 25 | | 1 | 1.02 | 0.69 | AD | NC | ☐ | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2003 | 11/30/2010 | 25 | | 3 | 33.83 | 14.10 | AD | NC | ☐ | NC | | |

**USE** **Fish Consumption Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2003 | 11/30/2010 | 7 | 0.50 | 0 | | 3.83 | LD | NC | ☐ | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2003 | 11/30/2010 | 6 | 3.48 | 0 | | 502.00 | LD | NC | ☐ | NC | | |