

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

| | |
|------------------------------|--|
| 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 2010 period of record is from 12/1/2001 to 11/30/2008. Assessors have the option of going back 10 years (12/1/1998) 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 2010 period of record dates are 12/1/2001 to 11/30/2008. Assessors have the option of including more recently collected data than 12/01/2008, 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: | <u>Dataset Qualifier - indicates sample sizes:</u> |
| | ID = Inadequate Data (less than 4) LD = Limited Data (less than 9, greater than 3) AD = Adequate Data (10 or more samples) |
| | JQ = Level of support is based on judgment of the assessor SR = Spatially Not Representative, used with NA TR = Temporally Not Representative, used with NA |
| | SM = This assessment method is superseded by another method OE = Other information than ambient samples evaluated, generally information is provided by outside entity |
| LOS: | <u>Level of support for this use, method, assessment parameter:</u> |
| | FS = Fully Supporting NC = No Concern CN = Use Concern |
| | CS = Screening Level Concern NS = Nonsupport |
| 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: | <u>This is the assessment category assigned to this impairment. Subcategories as follows:</u> |
| | Category 4: Standard is not supported or is threatened for one or more designated uses but does not require the development of a TMDL. |
| | 4a - TMDL has been completed and approved by EPA. Category. 4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future. 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. |
| | 5a - A TMDL is underway, scheduled, or will be scheduled. 5b - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled. 5c - Additional data and information will be collected before a TMDL is scheduled. |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1101 Clear Creek Tidal

AUID 1101_01 Upper segment boundary to Chigger Creek 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 | 12/1/2001 | 11/30/2008 | 35 | | 4 | 3.48 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 35 | | 1 | 2.9 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 14 | | 14 | 5557.14 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 14 | 1026.35 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 36 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 36 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 36 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 15 | | 1 | 0.68 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 22 | | 13 | 2.78 | 1.10 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 22 | | 6 | 0.64 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.46 | ID | NA | <input type="checkbox"/> | 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 | Restricted and No-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1101_02 Chigger Creek confluence to IH 45

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 | 12/1/2001 | 11/30/2008 | 63 | | 1 | 2.7 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 63 | | 1 | 2.7 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 41 | | 22 | 10327.09 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 41 | 134.81 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 70 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 70 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 70 | | 1 | 6.3 | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 24 | | 1 | 1.2 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 50 | | 16 | 0.78 | 0.46 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 54 | | 33 | 2.1 | 1.10 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 45 | | 15 | 1.17 | 0.66 | AD | CS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1101_03 IH 45 to Cow Bayou 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 | 12/1/2001 | 11/30/2008 | 73 | | 5 | 3.61 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 73 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 118.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 92.70 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 133.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13.50 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 45.40 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 149.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 2.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 1 | 2.47 | | | 78.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 1 | 0.03 | | | 10.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 1 | 1.85 | | | 3.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 1 | 0.14 | | | 5.30 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 1 | 2.36 | | | 13.10 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 1 | 3.97 | | | 84.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Silver | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 3.70 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 410.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 410.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 51.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 270.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 370.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1101_03 IH 45 to Cow Bayou 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 |
|------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 218.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 9.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Arsenic | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 70.00 | ID | NA | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 61 | | 16 | 1802.81 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 61 | 35.53 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 78 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 77 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 77 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 66 | | 24 | 1.84 | 1.10 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 28 | | 14 | 59.66 | 21.00 | AD | CS | <input type="checkbox"/> | CS | chlorophyll-a | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 64 | | 20 | 0.88 | 0.66 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 64 | | 26 | 0.64 | 0.46 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 53 | | 2 | 0.53 | 0.46 | AD | NC | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | 1,2-Dichloroethane | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 49.30 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1101_03 IH 45 to Cow Bayou confluence

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 | Chloroform | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 961.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Vinyl chloride | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 277.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | 1,1-Dichloroethylene | 12/1/2001 | 11/30/2008 | 1 | 1.95 | | | 3.90 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Tetrachloroethene | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 408.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Methyl ethyl ketone | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | ##### | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Carbon tetrachloride | 12/1/2001 | 11/30/2008 | 1 | 2.80 | | | 5.60 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 70.80 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Trichloroethene | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 277.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 1 | 0.14 | | | 16.90 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 1 | 2.03 | | | 2,216.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Acrylonitrile | 12/1/2001 | 11/30/2008 | 1 | 3.65 | | | 7.30 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Chlorobenzene | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 920.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | 1,1,1-Trichloroethane | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 8,391.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1101_04 Cow Bayou confluence to confluence with Clear 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 | 12/1/2001 | 11/30/2008 | 57 | | 7 | 2.77 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 57 | | 3 | 1.63 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 50 | | 16 | 1094.19 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 50 | 39.27 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 59 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 59 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 59 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 39 | | 4 | 0.79 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 36 | | 3 | 1.81 | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 37 | | 2 | 0.48 | 0.46 | AD | NC | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted and No-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1101A Magnolia Creek (unclassified water body)

AUID

1101A_01

From the Clear Creek Tidal confluence upstream 7.7 km (4.8 mi)

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 | 12/1/2001 | 11/30/2008 | 38 | | 14 | 3.11 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 38 | | 5 | 2.6 | 3.00 | AD | CN | <input type="checkbox"/> | 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 Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 22 | | 13 | 1774.62 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 22 | 591.75 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 21 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 18 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 21 | | 1 | 0.38 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 21 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1101B Chigger Creek (unclassified water body)

AUID 1101B_01

From the headwaters to FM 528

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 | 12/1/2001 | 11/30/2008 | 85 | | 9 | 2.42 | 3.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 85 | | 1 | 1.1 | 2.00 | AD | FS | <input type="checkbox"/> | 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 | 86 | | 32 | 4830.22 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 86 | 230.80 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 68 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 60 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 6 | 0.71 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 56 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1101B_02 FM 528 to the confluence with Clear 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 | 12/1/2001 | 11/30/2008 | 23 | | 1 | 2.2 | 3.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 23 | | 0 | | 2.00 | AD | FS | <input type="checkbox"/> | 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 | 24 | | 6 | 3430.17 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 24 | 93.90 | | | 126.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 11 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 0.69 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 11 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.33 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1101C Cow Bayou (unclassified water body)

AUID 1101C_01

From the Clear Creek Tidal confluence to SH3

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 | 12/1/2001 | 11/30/2008 | 35 | | 7 | 3.34 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 35 | | 1 | 2.9 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 21 | | 12 | 1146.17 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 21 | 98.89 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1101D Robinson Bayou (unclassified water body)

AUID

1101D_01

From Clear Creek Tidal confluence to 0.05 km (0.03 mi) upstream of Hewitt Street

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 | 12/1/2001 | 11/30/2008 | 65 | | 18 | 2.9 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 65 | | 7 | 1.76 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 52 | | 38 | 5159.21 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 52 | 412.37 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 38 | | 1 | 0.52 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 22 | | 1 | 0.73 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 35 | | 1 | 0.73 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1101E Unnamed Trib of Clear Creek Tidal (unclassified water body)

AUID

1101E_01

From the Clear Creek Tidal confluence to a point 3.0 km (1.9 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 | 12/1/2001 | 11/30/2008 | 15 | | 6 | 2.08 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 15 | | 5 | 1.72 | 3.00 | AD | NS | <input type="checkbox"/> | 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 Single Sample | Enterococcus | 12/1/2001 | 11/30/2008 | 15 | | 15 | 27098 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 15 | 5701.92 | | | 35.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1101F Unnamed Tributary of Clear Creek Tidal (unclassified water body)

AUID 1101F_01 From the Clear Creek Tidal confluence to a point 7.9 km (4.9 mi) upstream (immediately downstream of IH 45)

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 | 12/1/2001 | 11/30/2008 | 19 | | 9 | 3.7 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 19 | | 2 | 1.9 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 7 | | 2 | 1090 | 394.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 7 | 145.36 | | | 126.00 | LD | CN | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 21 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 17 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 20 | | 1 | 0.67 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 21 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1102 Clear Creek Above Tidal

AUID 1102_01

Upper segment boundary (Rouen Road) to SH 288

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 | 12/1/2001 | 11/30/2008 | 62 | | 16 | 4.15 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 62 | | 1 | 1.9 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 69 | | 13 | 2155.54 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 69 | 109.22 | | | 126.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 71 | | 1 | 37.3 | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 71 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 71 | | 2 | 5.9 | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 345 | 511.34 | | | 600.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 320 | 152.08 | | | 200.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 338 | 39.63 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 52 | | 8 | 1.07 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 59 | | 5 | 3.04 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 56 | | 11 | 0.65 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 41 | | 4 | 0.43 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID **1102_01** Upper segment boundary (Rouen Road) to SH 288

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 | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID

1102_02

SH 288 to Hickory Slough 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 | 12/1/2001 | 11/30/2008 | 128 | | 28 | 3.9 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 128 | | 3 | 2.67 | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 1,835.93 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.80 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 148.51 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 2 | | 1 | 4300 | 991.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 20.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 107.36 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 2 | | 1 | 7 | 24.62 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 705.88 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 360.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 46.37 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 2 | 3.98 | | | 15.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 1 | 0.55 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 2 | 5.56 | | | 135.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.28 | | | 3.73 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 2 | 0.34 | | | 1.31 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 2 | 1.88 | | | 190.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 2 | 3.36 | | | 228.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 2 | 4.86 | | | 203.89 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Benz(a)anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,050.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_02 SH 288 to Hickory Slough 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 |
|------------------------------|----------------------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 128.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Manganese | 12/1/2001 | 11/30/2008 | 2 | | 1 | 1200 | 1,100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 459.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mirex | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,300.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Naphthalene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 561.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 48.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Phenanthrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,170.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Pyrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,520.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Silver | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 2.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 459.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Iron | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 40,000.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | alpha-BHC | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | beta-BHC | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 210.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | gamma-BHC (Lindane) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.99 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Toxaphene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 32.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Di-n-butyl phthalate | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 43.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nitrobenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 161.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | DDT | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 62.90 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13,770.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,3-Dichlorobenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 350.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chrysene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,290.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_02 SH 288 to Hickory Slough 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 |
|------------------------------|----------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Toxic Substances in sediment | 1,4-Dichlorobenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4,650.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acenaphthene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 89.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachlorobutadiene (HCBd) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 550.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acenaphthylene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 130.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Aldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 80.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 845.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 33.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Benzo(a)pyrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,450.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | DDE | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 31.30 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 111.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 149.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | DDD | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 28.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Dibenz(a,h)anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 140.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Dieldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 61.80 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Endrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 207.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Fluoranthene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 2,230.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Fluorene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 536.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 16.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 240.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chlordane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 17.60 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_02 SH 288 to Hickory Slough 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 |
|------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|-------------------------|-----|
| Habitat | Habitat | 12/1/2001 | 11/30/2008 | 2 | 14.50 | | | 20.00 | AD | CS | <input type="checkbox"/> | CS | impaired habitat | |
| Macrobenthic Community | Macrobenthic Community | 12/1/2001 | 11/30/2008 | 2 | 30.70 | | | 29.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Fish Community | Fish Community | 12/1/2001 | 11/30/2008 | 2 | 36.20 | | | 39.00 | AD | NS | <input type="checkbox"/> | 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 | E. coli | 12/1/2001 | 11/30/2008 | 134 | | 38 | 11149.82 | 394.00 | AD | CN | <input type="checkbox"/> | CN | bacteria | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 134 | 181.44 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 141 | | 6 | 40.2 | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 140 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 140 | | 2 | 6 | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 345 | 511.34 | | | 600.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 320 | 152.08 | | | 200.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 338 | 39.63 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 115 | | 19 | 3.24 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 28 | | 2 | 25.8 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 110 | | 27 | 1.28 | 0.69 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 105 | | 39 | 0.66 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 100 | | 8 | 0.68 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_02 SH 288 to Hickory Slough confluence

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 | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | 1,2-Dichloroethane | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 73.90 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Chloroform | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 1,292.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Methyl ethyl ketone | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | ##### | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Vinyl chloride | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 415.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | 1,1,1-Trichloroethane | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 12,586.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Tetrachloroethene | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 323.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | 1,1-Dichloroethylene | 12/1/2001 | 11/30/2008 | 1 | 2.92 | | | 5.84 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Carbon tetrachloride | 12/1/2001 | 11/30/2008 | 1 | 4.20 | | | 8.40 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 106.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Trichloroethene | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 612.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.28 | | | 25.30 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Acrylonitrile | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 10.90 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 2 | 3.36 | | | 3,320.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Chlorobenzene | 12/1/2001 | 11/30/2008 | 1 | 5.00 | | | 1,380.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_03 Hickory Slough confluence to Turkey Creek 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 | 12/1/2001 | 11/30/2008 | 103 | | 18 | 4.13 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 103 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 110 | | 36 | 2086.39 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 110 | 140.83 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 110 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 110 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 110 | | 2 | 6.25 | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 345 | 511.34 | | | 600.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 320 | 152.08 | | | 200.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 338 | 39.63 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 92 | | 33 | 1.27 | 0.69 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 73 | | 2 | 0.96 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 92 | | 36 | 0.72 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 101 | | 23 | 3.32 | 1.95 | AD | NC | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_04 Turkey Creek confluence to Mary's Creek 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 | 12/1/2001 | 11/30/2008 | 65 | | 6 | 4.01 | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 65 | | 1 | 0.5 | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Toxic Substances in sediment | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 32.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,1-Dichloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13,890.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Dichlorodifluoromethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 22,090.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,3-Dichlorobenzene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 350.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Carbon tetrachloride | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 37,330.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chloroform | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5,630.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Benzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 45,010.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acetone | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 367,990.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | DDT | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 62.90 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Iron | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 40,000.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,1,2-Trichloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5,880.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | gamma-BHC (Lindane) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.99 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | beta-BHC | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 210.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | alpha-BHC | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Benz(a)anthracene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 1,050.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,2-Dichloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 28,690.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Di-n-butyl phthalate | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 43.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Tetrachloroethene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 10,050.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Carbon disulfide | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 780.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_04 Turkey Creek confluence to Mary's Creek 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 |
|------------------------------|-----------------------------|-----------------|---------------|--------|-----------|----------|-------------|------------|---------|-----|--------------------------|---------|------------|-----|
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 459.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | DDE | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 31.30 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Xylene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 12,010.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Vinyl chloride | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 11,780.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Trichlorofluoromethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 10,120.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Bromoform | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,310.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Toluene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 17,290.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,2-Dichloroethene (trans) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 71,840.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,1,1,2-Tetrachloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 3,800.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Styrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 61,420.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nitrobenzene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 161.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Methylene chloride | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 46.52 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 4-Methyl-2-Pentanone (MIBK) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 116,590.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Ethylbenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 17,180.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,2-Dichloropropane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13,170.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,1,1-Trichloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 24,800.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Benzo(a)pyrene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 1,450.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Dibenz(a,h)anthracene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 140.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | DDD | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 28.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 149.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chrysene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 1,290.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID

1102_04

Turkey Creek confluence to Mary's Creek 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 |
|------------------------------|---------------------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 111.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chloromethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 10,680.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 61.80 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acenaphthylene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 130.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Arsenic | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 33.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Anthracene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 845.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 80.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acrylonitrile | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,360.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acenaphthene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 89.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Trichloroethene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5,070.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chlorobenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 19,870.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chlordane | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 17.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Naphthalene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 561.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Silver | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 2.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Pyrene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 1,520.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Phenanthrene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 1,170.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,4-Dichlorobenzene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4,650.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Endrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 207.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 48.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mirex | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,300.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_04 Turkey Creek confluence to Mary's Creek 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 |
|------------------------------|----------------------------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 459.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Manganese | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 128.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachloroethane | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 13,770.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachlorobutadiene (HCBd) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 550.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 240.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 16.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Fluorene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 536.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Fluoranthene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 2,230.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | PCBs | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 676.00 | ID | NA | <input type="checkbox"/> | 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 | 56 | | 19 | 4879.05 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 56 | 266.86 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 68 | | 4 | 41.73 | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 67 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 67 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 345 | 511.34 | | | 600.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 320 | 152.08 | | | 200.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 338 | 39.63 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_04 Turkey Creek confluence to Mary's Creek confluence

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 | 12/1/2001 | 11/30/2008 | 53 | | 24 | 3.29 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 52 | | 38 | 0.78 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 1 | 0.46 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 50 | | 22 | 1.02 | 0.69 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 28 | | 1 | 16 | 14.10 | AD | NC | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |
| HH Bioaccumulative Toxics in water | Carbon tetrachloride | 12/1/2001 | 11/30/2008 | 4 | 2.93 | | | 8.40 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Methyl ethyl ketone | 12/1/2001 | 11/30/2008 | 4 | 5.00 | | | ##### | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chloroform | 12/1/2001 | 11/30/2008 | 4 | 3.13 | | | 1,292.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Vinyl chloride | 12/1/2001 | 11/30/2008 | 4 | 3.13 | | | 415.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | 1,1,1-Trichloroethane | 12/1/2001 | 11/30/2008 | 4 | 3.13 | | | 12,586.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Tetrachloroethene | 12/1/2001 | 11/30/2008 | 4 | 5.00 | | | 323.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | 1,1-Dichloroethylene | 12/1/2001 | 11/30/2008 | 4 | 2.61 | | | 5.84 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chlorobenzene | 12/1/2001 | 11/30/2008 | 4 | 3.13 | | | 1,380.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/2001 | 11/30/2008 | 4 | 3.13 | | | 106.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Trichloroethene | 12/1/2001 | 11/30/2008 | 4 | 3.13 | | | 612.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Acrylonitrile | 12/1/2001 | 11/30/2008 | 4 | 5.00 | | | 10.90 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | 1,2-Dichloroethane | 12/1/2001 | 11/30/2008 | 4 | 3.13 | | | 73.90 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102_05 Mary's Creek confluence to lower segment boundary

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 | 12/1/2001 | 11/30/2008 | 20 | | 6 | 4.58 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 20 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 20 | | 1 | 430 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 20 | 51.46 | | | 126.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 20 | | 1 | 37.1 | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 20 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 20 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 345 | 511.34 | | | 600.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 320 | 152.08 | | | 200.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 338 | 39.63 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 11 | | 6 | 0.59 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.33 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 11 | | 4 | 3.07 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.69 | LD | NC | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1102A Cowart Creek (unclassified water body)

AUID

1102A_01

Sunset Drive to SH 35

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 | 12/1/2001 | 11/30/2008 | 30 | | 3 | 1.57 | 3.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 30 | | 2 | 1.3 | 2.00 | AD | FS | <input type="checkbox"/> | 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 | 32 | | 14 | 2336.5 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 32 | 238.91 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 32 | | 5 | 6.18 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 28 | | 1 | 0.91 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 22 | | 6 | 0.66 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1102A_02 Confluence with Clear Creek to Sunset Drive

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 | 12/1/2001 | 11/30/2008 | 55 | | 4 | 2.03 | 3.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 55 | | 1 | 1.6 | 2.00 | AD | FS | <input type="checkbox"/> | 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 | 62 | | 25 | 4010.76 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 62 | 257.16 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 28 | | 3 | 0.59 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 23 | | 2 | 0.73 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 32 | | 1 | 2.57 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1102B Mary's Creek/ North Fork Mary's Creek (unclassified water body)

AUID 1102B_01

From the Clear Creek Above Tidal confluence upstream to the N. and S. Fork Mary's Creek near FM 1128

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 | 12/1/2001 | 11/30/2008 | 232 | | 22 | 3.18 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 232 | | 7 | 2.63 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 253 | | 46 | 6071.85 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 253 | 112.35 | | | 126.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 211 | | 128 | 1.02 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 195 | | 12 | 0.83 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 199 | | 86 | 1.53 | 0.69 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 215 | | 67 | 4.2 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1102C Hickory Slough (unclassified water body)

AUID 1102C_01 From the Clear Creek Above Tidal confluence to a point 0.69 km (0.43 mi) upstream of Mykawa Road

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 | 12/1/2001 | 11/30/2008 | 47 | | 13 | 4.03 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 47 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 51 | | 15 | 10180.93 | 394.00 | AD | CN | <input type="checkbox"/> | CN | bacteria | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 51 | 196.78 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 29 | | 1 | 0.4 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 24 | | 2 | 1.28 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 32 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1102D Turkey Creek (unclassified water body)

AUID 1102D_01 From the Clear Creek Above Tidal confluence to a point 0.98 km (0.61 mi) upstream of Scarsdale Blvd

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 | 11/30/2008 | 22 | | 9 | 3.69 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2000 | 11/30/2008 | 22 | | 2 | 2.9 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2000 | 11/30/2008 | 20 | | 11 | 4534.73 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4a |
| Bacteria Geomean | E. coli | 12/1/2000 | 11/30/2008 | 20 | 422.24 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------------|-----|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2000 | 11/30/2008 | 8 | | 6 | 1.4 | 0.37 | LD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2000 | 11/30/2008 | 13 | | 7 | 0.63 | 0.33 | AD | CS | <input type="checkbox"/> | CS | ammonia | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2000 | 11/30/2008 | 6 | | 3 | 1.64 | 0.69 | LD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2000 | 11/30/2008 | 20 | | 14 | 6.3 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1102E Mud Gully (unclassified water body)

AUID

1102E_01

From the Clear Creek Above Tidal confluence to a point 0.80 km (0.49 mi) downstream of Hughes Road

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 | 12/1/2001 | 11/30/2008 | 24 | | 4 | 4.5 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 23 | | 3 | 2623 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 23 | 51.00 | | | 126.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 22 | | 9 | 0.54 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.33 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 22 | | 16 | 4.81 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 16 | | 1 | 0.8 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1102F Mary's Creek Bypass (unclassified water body)

AUID 1102F_01

From the Mary's Creek confluence NE of FM 518 to a point 0.96 km (0.60 mi) upstream to the Mary's Creek confluence (NW of County Road 126)

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 | 12/1/2001 | 11/30/2008 | 42 | | 7 | 4.34 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 44 | | 4 | 1251 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 44 | 105.13 | | | 126.00 | AD | FS | <input type="checkbox"/> | 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 | Total Phosphorus | 12/1/2001 | 11/30/2008 | 42 | | 20 | 1.26 | 0.69 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 44 | | 9 | 4.23 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 44 | | 31 | 0.84 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 4 | 0.65 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1102G Unnamed Tributary of Mary's Creek (unclassified water body)

AUID 1102G_01

From the Mary's Creek confluence 1.3 km (0.84 mi) west of FM 1128 to a point 1.2 km (0.75 mi) upstream to the confluence of an unnamed tributary

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 | 12/1/2001 | 11/30/2008 | 14 | | 3 | 3.1 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 14 | | 1 | 2.8 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 15 | | 5 | 2978 | 394.00 | AD | CN | <input type="checkbox"/> | PI | bacteria | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 15 | 326.47 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 15 | | 4 | 5.93 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 15 | | 6 | 0.97 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 15 | | 4 | 1.1 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 15 | | 4 | 1.63 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1103 Dickinson Bayou Tidal

AUID 1103_01

From the Dickinson Bay confluence (downstream of State Hwy 146) upstream to the Gum Bayou 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 | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 26 | | 7 | 3614.29 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 26 | 45.27 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 32 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 33 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 33 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 22 | | 2 | 0.66 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 27 | | 1 | 0.98 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 20 | | 3 | 32.3 | 21.00 | AD | NC | <input type="checkbox"/> | 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-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID **1103_02** From the Gum Bayou confluence upstream to the Benson Bayou 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 | 12/1/2001 | 11/30/2008 | 63 | | 18 | 3.2 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 63 | | 6 | 2.59 | 3.00 | AD | FS | <input checked="" type="checkbox"/> | NS | depressed dissolved oxygen | 5a |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | | | | | | ID | NA | <input checked="" type="checkbox"/> | NS | depressed dissolved oxygen | 5a |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | | | | | | ID | NA | <input checked="" type="checkbox"/> | NS | depressed dissolved oxygen | 5a |

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 | 47 | | 9 | 1757.44 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 47 | 26.36 | | | 35.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 64 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 64 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 64 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 59 | | 1 | 1.11 | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 55 | | 1 | 0.48 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 4 | 0.82 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 53 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 20 | | 6 | 43.38 | 21.00 | AD | CS | <input type="checkbox"/> | 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-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID **1103_03** From the Benson Bayou confluence upstream to the Bordens Gully 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 | 12/1/2001 | 11/30/2008 | | | | | | ID | NA | <input checked="" type="checkbox"/> | NS | depressed dissolved oxygen | 5a |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | | | | | | ID | NA | <input checked="" type="checkbox"/> | NS | depressed dissolved oxygen | 5a |

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 | | | | | | ID | NA | <input checked="" type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | | | | | | ID | NA | <input checked="" type="checkbox"/> | 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 |
|---|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|-------------------------|-----|
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID **1103_04** From the Bordens Gully confluence upstream to a point 4.0 km (2.5 mi) downstream of FM 517

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 | 12/1/2001 | 11/30/2008 | 73 | | 31 | 2.32 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 73 | | 19 | 1.68 | 3.00 | AD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5a |

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 | 54 | | 25 | 885.8 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 54 | 79.36 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 75 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 75 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 75 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 54 | | 1 | 0.51 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 67 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 71 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 62 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | 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-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1103A Bensons Bayou (unclassified water body)

AUID 1103A_01

From the Dickinson Bayou Tidal confluence to point 0.6 km (0.37 mi) upstream of FM 646

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 | 12/1/2001 | 11/30/2008 | 32 | | 4 | 2.65 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 32 | | 3 | 2.37 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 25 | | 13 | 623 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 25 | 112.26 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 23 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1103B Bordens Gully (unclassified water body)

AUID 1103B_01 From the Dickinson Bayou Tidal confluence to a point 1.4 km (0.87 mi) upstream of FM 646

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 | 12/1/2001 | 11/30/2008 | 32 | | 6 | 2.83 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 32 | | 1 | 0.8 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 23 | | 19 | 551.47 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 23 | 238.00 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 22 | | 2 | 0.48 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1103C Geisler Bayou (unclassified water body)

AUID 1103C_01 From the Dickinson Bayou Tidal confluence to a point 1.37 km (0.85 mi) upstream of FM 646

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 | 12/1/2001 | 11/30/2008 | 31 | | 8 | 2.67 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 31 | | 5 | 2.25 | 3.00 | AD | NS | <input type="checkbox"/> | 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 Single Sample | Enterococcus | 12/1/2001 | 11/30/2008 | 23 | | 16 | 453.5 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 23 | 162.06 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | Total Phosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 23 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1103D Gum Bayou (unclassified water body)

AUID

1103D_01

From Dickinson Bayou Tidal confluence to State Hwy 96

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 | 12/1/2001 | 11/30/2008 | 32 | | 1 | 3.47 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 32 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 26 | | 8 | 1293.13 | 89.00 | AD | CN | <input type="checkbox"/> | CN | bacteria | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 26 | 57.14 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | Orthophosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 22 | | 1 | 0.78 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1103E Cedar Creek (unclassified water body)

AUID 1103E_01 From the Dickinson Bayou Tidal confluence to a point 0.63 km (0.39 mi) upstream FM 517

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 | 12/1/2001 | 11/30/2008 | 36 | | 13 | 3.73 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 36 | | 1 | 2 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | | 6 | 911.67 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 35 | 132.47 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 14.10 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 33 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 33 | | 3 | 0.64 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 35 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 31 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1103F Unnamed Tributary of Dickinson Bayou Tidal (unclassified water body)

AUID 1103F_01

From the Dickinson Bayou Tidal confluence to a point 0.36 km (0.22 mi upstream of State Hwy 6)

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 | 8 | | 6 | 10513.33 | 89.00 | TR | NA | <input type="checkbox"/> | NA | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 8 | 930.91 | | | 35.00 | TR | NA | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 1.95 | TR | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.37 | TR | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.33 | TR | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.69 | TR | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1104 Dickinson Bayou Above Tidal

AUID 1104_01

From the lower segment boundary (a point 4.0 km (2.5 mi) downstream of FM 517) to FM 517

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 | 12/1/2001 | 11/30/2008 | | | | | 4.00 | ID | NA | <input checked="" type="checkbox"/> | NS | depressed dissolved oxygen | 5c |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | | | | | 3.00 | ID | NA | <input checked="" type="checkbox"/> | 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 |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 48 | 64.92 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 46 | 86.11 | | | 200.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 55 | 423.82 | | | 600.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1104_02 From FM 517 upstream to FM 528

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 | 12/1/2001 | 11/30/2008 | 55 | | 7 | 3.1 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 55 | | 2 | 2.45 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 50 | | 13 | 4041.62 | 394.00 | AD | CN | <input type="checkbox"/> | PI | bacteria | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 50 | 172.57 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 57 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 57 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 57 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 48 | 64.92 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 55 | 423.82 | | | 600.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 46 | 86.11 | | | 200.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 18 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 38 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 49 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 45 | | 2 | 0.51 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1104A Unnamed Tributary of Dickinson Bayou Above Tidal (unclassified water body)

AUID 1104A_01

From the Dickinson Bayou Above Tidal confluence to State Hwy 6

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 | 8 | | 4 | 5287.5 | 394.00 | TR | NA | <input type="checkbox"/> | NA | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 8 | 176.54 | | | 126.00 | TR | NA | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 1.95 | TR | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.37 | TR | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.33 | TR | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.69 | TR | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1105 Bastrop Bayou Tidal

AUID 1105_01

From the Bastrop Bay confluence 1.1 km (0.7 mi) downstream of the Intracoastal Waterway to Old Clute Road at Lake Jackson

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 | 12/1/2001 | 11/30/2008 | 128 | | 20 | 2.7 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 128 | | 13 | 2.21 | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 4.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 3.00 | LD | NC | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 131 | | 33 | 666.09 | 89.00 | AD | CN | <input type="checkbox"/> | CN | bacteria | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 131 | 31.44 | | | 35.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 139 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 131 | | 2 | 9.1 | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 131 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 122 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 102 | | 1 | 0.73 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 122 | | 7 | 1.25 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 122 | | 1 | 0.76 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 37 | | 5 | 38.58 | 21.00 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1105A Flores Bayou (unclassified water body)

AUID

1105A_01

From a point 2.6 km (1.6 mi) downstream of County Road 171 upstream to SH 35

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 | 12/1/2001 | 11/30/2008 | 21 | | 4 | 3.08 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 21 | | 1 | 2.8 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 22 | | 5 | 1254 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 22 | 172.09 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 22 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 18 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 22 | | 1 | 0.34 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 22 | | 1 | 4.26 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1105B Austin Bayou Tidal (unclassified water body)

AUID

1105B_01

From the Bastrop Bayou Tidal confluence to the FM 2004 bridge crossing

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 | 12/1/2001 | 11/30/2008 | 16 | | 3 | 2.43 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 16 | | 3 | 2.43 | 3.00 | AD | CN | <input type="checkbox"/> | 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 Single Sample | Enterococcus | 12/1/2001 | 11/30/2008 | 18 | | 3 | 1543.33 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 18 | 18.76 | | | 35.00 | AD | FS | <input type="checkbox"/> | 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 | Total Phosphorus | 12/1/2001 | 11/30/2008 | 19 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 12 | | 0 | | 21.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 15 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 19 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 19 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1105C Austin Bayou Above Tidal (unclassified water body)

AUID 1105C_01

From FM 2004 upstream to 0.3 km (0.19 mi) upstream of SH 288

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 | 12/1/2001 | 11/30/2008 | 49 | | 10 | 3.76 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 49 | | 2 | 2.35 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 24 | | 3 | 2030 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 24 | 123.37 | | | 126.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 44 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 36 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 44 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 44 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1105D Unnamed Tributary of Bastrop Creek (unclassified water body)

AUID

1105D_01

From the Bastrop Bayou Tidal confluence to 057 km (0.35 mi) upstream of SH 288 Bus

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 | 12/1/2001 | 11/30/2008 | | | | | 4.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | | | | | 3.00 | ID | NA | <input type="checkbox"/> | 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 | | | | | 394.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | | | | | 126.00 | ID | NA | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | | | | | 0.37 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | | | | | 0.33 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | | | | | 0.69 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | | | | | 1.95 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **Yes**

SEGID 1105E Brushy Bayou (unclassified water body)

AUID

1105E_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 | 12/1/2001 | 11/30/2008 | 21 | | 9 | 2.52 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 21 | | 8 | 2.38 | 3.00 | AD | NS | <input type="checkbox"/> | 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 Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 22 | | 14 | 2382.14 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5c |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 22 | 648.45 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 22 | | 1 | 9.28 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 18 | | 1 | 0.89 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 22 | | 10 | 1.59 | 0.33 | AD | CS | <input type="checkbox"/> | CS | ammonia | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 22 | | 1 | 1.77 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1107 Chocolate Bayou Tidal

AUID 1107_01

From the Chocolate Bay confluence 1.4 km (0.9 mi) downstream of FM 2004 to a point 4.2 km (2.6 mi) downstream of SH 35

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 | 12/1/2001 | 11/30/2008 | 83 | | 9 | 3.43 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 83 | | 3 | 3.09 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 65 | | 20 | 478.5 | 89.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5c |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 65 | 36.31 | | | 35.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 81 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 73 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 76 | | 1 | 0.56 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 78 | | 0 | | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 27 | | 8 | 34.83 | 21.00 | AD | CS | <input type="checkbox"/> | 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-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1108 Chocolate Bayou Above Tidal

AUID 1108_01

From a point 4.2 km (2.6 mi) downstream of SH 35 to SH 6

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 | 12/1/2001 | 11/30/2008 | 30 | | 3 | 4.5 | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Habitat | Habitat | 12/1/2001 | 11/30/2008 | 2 | 14.00 | | | 20.00 | AD | CS | <input type="checkbox"/> | CS | impaired habitat | |
| Macroinvertebrate Community | Macroinvertebrate Community | 12/1/2001 | 11/30/2008 | 2 | 30.10 | | | 29.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Fish Community | Fish Community | 12/1/2001 | 11/30/2008 | 2 | 44.40 | | | 39.00 | AD | FS | <input type="checkbox"/> | 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 | 26 | | 6 | 4761 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 26 | 120.68 | | | 126.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 33 | 487.32 | | | 900.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 28 | 126.50 | | | 200.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 39.86 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 27 | | 2 | 0.46 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID

1108_01

From a point 4.2 km (2.6 mi) downstream of SH 35 to SH 6

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 | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 26 | | 3 | 0.91 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1109 Oyster Creek Tidal

AUID 1109_01

From the Intracoastal Waterway confluence to a point 100 m (110 yds) upstream of FM 2004

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 | 12/1/2001 | 11/30/2008 | 29 | | 1 | 3.8 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 27 | | 5 | 328.4 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 27 | 33.11 | | | 35.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 31 | | 1 | 1.27 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 26 | | 6 | 35.95 | 21.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 31 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 31 | | 1 | 0.82 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 30 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1110 Oyster Creek Above Tidal

AUID 1110_01

From the lower segment boundary immediately upstream of FM 2004 to the Styles Bayou 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 | 12/1/2001 | 11/30/2008 | 36 | | 22 | 3.86 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 36 | | 3 | 2.78 | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 10 | | 9 | 3.37 | 5.00 | AD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 10 | | 6 | 2.57 | 3.00 | AD | NS | <input type="checkbox"/> | 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 Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 27 | | 3 | 635.33 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 27 | 230.77 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|---------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 38 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 38 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 38 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 30 | 458.74 | | | 750.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 28 | 99.89 | | | 300.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 39.82 | | | 150.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 38 | | 1 | 0.92 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 38 | | 17 | 39.05 | 14.10 | AD | CS | <input type="checkbox"/> | CS | chlorophyll-a | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 36 | | 8 | 0.49 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 38 | | 2 | 2.49 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID **1110_01** From the lower segment boundary immediately upstream of FM 2004 to the Styles Bayou confluence

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 | 12/1/2001 | 11/30/2008 | 38 | | 3 | 0.79 | 0.33 | AD | NC | <input type="checkbox"/> | 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 HH criteria for PWS average | Fluoride | 12/1/2001 | 11/30/2008 | 28 | 0.29 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 38 | 0.68 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

AUID **1110_02** From Styles Bayou upstream to an unnamed tributary [2.9 km (1.8 mi) downstream of FM 1462]

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 | 12/1/2001 | 11/30/2008 | | | | | | ID | NA | <input checked="" type="checkbox"/> | 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 |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 30 | 458.74 | | | 750.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 28 | 99.89 | | | 300.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 39.82 | | | 150.00 | AD | FS | <input type="checkbox"/> | FS | | |

AUID **1110_03** From an unnamed tributary [2.9 km (1.8 mi) downstream of FM 1462] upstream to the Brazos River Diversion 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 | 12/1/2001 | 11/30/2008 | 28 | 39.82 | | | 150.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 30 | 458.74 | | | 750.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 28 | 99.89 | | | 300.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? No

SEGID 1111 Old Brazos River Channel Tidal

AUID 1111_01

From the Intracoastal Waterway confluence State Hwy 288

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 | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 149.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 45.40 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 13.50 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 133.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 118.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 564.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 92.70 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 2.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 2 | 2.50 | | | 13.10 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 2 | 0.13 | | | 136.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 2 | 2.00 | | | 84.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 2 | 1.80 | | | 3.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 1 | 39.00 | | | 78.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 2 | 1.63 | | | 10.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.81 | | | 5.30 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Benz(a)anthracene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,600.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 410.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID

1111_01

From the Intracoastal Waterway confluence State Hwy 288

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 | Naphthalene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 2,100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 51.60 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | PCBs | 12/1/2001 | 11/30/2008 | 1 | | 1 | 187 | 180.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Phenanthrene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,500.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Pyrene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 2,600.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 410.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 218.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | 1,3-Dichlorobenzene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,950.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Silver | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 3.70 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | gamma-BHC (Lindane) | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 0.99 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | DDT | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 4.77 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nitrobenzene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 161,060.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,2,4-Trichlorobenzene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 2,320.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | DDE | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 374.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,4-Dichlorobenzene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 4,210.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chrysene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 2,800.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Bis(2-ethyl-hexyl)phthalate | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 2,647.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acenaphthene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 500.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acenaphthylene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 640.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Anthracene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Arsenic | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 70.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1111_01 From the Intracoastal Waterway confluence State Hwy 288

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 | Benzo(a)pyrene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,600.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 9.60 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Hexachloroethane | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 13,770.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 370.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 270.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | DDD | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 7.81 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Dibenz(a,h)anthracene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 260.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Dieldrin | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 4.30 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Fluoranthene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 5,100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Fluorene | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 540.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachlorobutadiene (HCBD) | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 12.76 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chlordane | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 4.79 | ID | NA | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 24 | 9.91 | | | 35.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 26 | | 4 | 0.31 | 0.17 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1111_01 From the Intracoastal Waterway confluence State Hwy 288

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 | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.19 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 25 | | 2 | 0.14 | 0.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 26 | | 1 | 0.23 | 0.21 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 25 | | 9 | 17.33 | 11.60 | AD | CS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 2 | 2.00 | | | 2,216.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.81 | | | 16.90 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? No

SEGID 1113 Armand Bayou Tidal

AUID 1113_01

From the Clear Lake confluence at Nasa Road 1 to the Horsepen Bayou 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 | 12/1/2001 | 11/30/2008 | 38 | | 0 | | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 38 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 4.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 3.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 410.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 70.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Silver | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 3.70 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 410.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 51.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 270.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 9.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 370.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 218.00 | ID | NA | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 28 | | 4 | 864.25 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 28 | 22.98 | | | 35.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 38 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1113_01 From the Clear Lake confluence at Nasa Road 1 to the Horsepen Bayou confluence

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 | 12/1/2001 | 11/30/2008 | 37 | | 1 | 9.3 | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 37 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 39 | | 3 | 0.8 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 35 | | 23 | 68.8 | 21.00 | AD | CS | <input type="checkbox"/> | CS | chlorophyll-a | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 39 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 37 | | 2 | 0.58 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 37 | | 2 | 1.64 | 1.10 | AD | NC | <input type="checkbox"/> | 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-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID

1113_02

From the Horsepen Bayou confluence to the Big Island Slough 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 | 12/1/2001 | 11/30/2008 | 104 | | 5 | 3.53 | 4.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 104 | | 0 | | 3.00 | AD | FS | <input checked="" type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 4.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 6 | | 4 | 2.67 | 3.00 | LD | CN | <input checked="" type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Toxic Substances in sediment | Hexachloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13,770.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 218.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Bis(2-ethyl-hexyl)phthalate | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 2,647.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 410.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Silver | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 3.70 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 51.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachlorobutadiene (HCBD) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 12.76 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 270.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 370.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 9.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 70.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 410.00 | ID | NA | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 61 | | 14 | 1968.86 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 61 | 32.58 | | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1113_02 From the Horsepen Bayou confluence to the Big Island Slough confluence

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 | 12/1/2001 | 11/30/2008 | 108 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 105 | | 4 | 9.23 | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 105 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 48 | | 4 | 0.63 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 31 | | 20 | 54.53 | 21.00 | AD | CS | <input type="checkbox"/> | CS | chlorophyll-a | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 110 | | 1 | 0.54 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 87 | | 6 | 1.67 | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 91 | | 9 | 0.85 | 0.66 | AD | NC | <input type="checkbox"/> | 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-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1113_03 From the Big Island Slough confluence upstream to a point 0.8 km (0.5 mi) downstream of Genoa-Red Bluff Road

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 | 12/1/2001 | 11/30/2008 | 26 | | 16 | 3.05 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 26 | | 7 | 2.4 | 3.00 | AD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 4 | | 4 | 2.76 | 4.00 | LD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 4 | | 4 | 0.75 | 3.00 | LD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 218.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Silver | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 3.70 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 410.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 410.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 370.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 9.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 70.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 51.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 270.00 | ID | NA | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 20 | | 4 | 194.25 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 20 | 28.52 | | | 35.00 | AD | FS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

AUID 1113_03 From the Big Island Slough confluence upstream to a point 0.8 km (0.5 mi) downstream of Genoa-Red Bluff Road

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 | 12/1/2001 | 11/30/2008 | 38 | | 1 | 0.48 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 35 | | 6 | 36.38 | 21.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 38 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 37 | | 0 | | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 38 | | 1 | 0.88 | 0.66 | AD | NC | <input type="checkbox"/> | 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-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | dioxin in edible tissue | 5a |
| DSHS Advisories, Closures, and Risk Assessments | Restricted-Consumption | 12/1/2001 | 11/30/2008 | | | | | | OE | NS | <input type="checkbox"/> | NS | PCBs in edible tissue | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1113A Armand Bayou Above Tidal (unclassified water body)

AUID 1113A_01 From the upper segment boundary of Armand Bayou Tidal (point 0.8 km (0.5 miles) downstream of Genoa-Red Bluff Road) upstream to Beltway 8

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 | 12/1/2001 | 11/30/2008 | 147 | | 67 | 3.6 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 147 | | 14 | 1.99 | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 12 | | 2 | 3.7 | 5.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 12 | | 6 | 1.93 | 3.00 | AD | NS | <input type="checkbox"/> | 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 Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 153 | | 81 | 12709.26 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 153 | 530.13 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | Total Phosphorus | 12/1/2001 | 11/30/2008 | 115 | | 4 | 0.92 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 14.10 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 34 | | 1 | 0.47 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 107 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 153 | | 9 | 0.94 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1113B Horsepen Bayou Tidal (unclassified water body)

AUID 1113B_01

From the Armand Bayou confluence to the SH3

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 | 12/1/2001 | 11/30/2008 | 120 | | 24 | 2.89 | 4.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 120 | | 12 | 2.25 | 3.00 | AD | FS | <input type="checkbox"/> | 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 | Enterococcus | 12/1/2001 | 11/30/2008 | 77 | | 17 | 4981.94 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 77 | 46.54 | | | 35.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 120 | | 96 | 4.56 | 1.10 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 81 | | 57 | 1.26 | 0.46 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 141 | | 34 | 1.16 | 0.46 | AD | CS | <input type="checkbox"/> | CS | ammonia | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 122 | | 70 | 1.39 | 0.66 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 62 | | 8 | 66.44 | 21.00 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1113C Unnamed Tributary to Horsepen Bayou (unclassified water body)

AUID

1113C_01

From the Horsepen Bayou confluence to Reseda Road

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 | 12/1/2001 | 11/30/2008 | 71 | | 1 | 3.2 | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 71 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 75 | | 26 | 2898.85 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5c |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 75 | 263.39 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 53 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 14 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 75 | | 2 | 0.82 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 53 | | 1 | 1.74 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 11 - San Jacinto-Brazos Coastal

Segment New
in 2010? **No**

SEGID 1113D Willow Springs Bayou (unclassified water body)

AUID 1113D_01

From the Armand Bayou confluence to a point 2.8 km (1.8 mi) upstream to an unnamed tributary

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 | 12/1/2001 | 11/30/2008 | 70 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 70 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | 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 | 76 | | 58 | 3164.66 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5c |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 76 | 869.08 | | | 126.00 | AD | NS | <input type="checkbox"/> | 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 | 12/1/2001 | 11/30/2008 | 53 | | 1 | 7.2 | 1.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 14 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 75 | | 2 | 0.76 | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 55 | | 2 | 0.75 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |

Segment New
in 2010? **No**

SEGID 1113E Big Island Slough (unclassified water body)

AUID 1113E_01

From the Armand Bayou confluence upstream to a point 2.4 km (1.5 mi) north of Spencer Hwy

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 | 12/1/2001 | 11/30/2008 | 74 | | 16 | 4.19 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |