

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

| | | | | | | | | | | |
|--|--|---|---|--|--|---|--|---|--|--|
| Report Abbreviations: | Description: | | | | | | | | | |
| SEGID: | Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc. | | | | | | | | | |
| AUID: | Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID. | | | | | | | | | |
| ASMT Start Date: | The start date of the period of record data for this method was selected; the official 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: | Dataset Qualifier - indicates sample sizes: | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">ID = Inadequate Data (less than 4)</td> <td style="width: 33%;">LD = Limited Data (less than 9, greater than 3)</td> <td style="width: 33%;">AD = Adequate Data (10 or more samples)</td> </tr> <tr> <td>JQ = Level of support is based on judgment of the assessor</td> <td>SR = Spatially Not Representative, used with NA</td> <td>TR = Temporally Not Representative, used with NA</td> </tr> <tr> <td>SM = This assessment method is superseded by another method</td> <td colspan="2">OE = Other information than ambient samples evaluated, generally information is provided by outside entity</td> </tr> </table> | 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 | |
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| 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: | Level of support for this use, method, assessment parameter: | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">FS = Fully Supporting</td> <td style="width: 33%;">NC = No Concern</td> <td style="width: 33%;">CN = Use Concern</td> </tr> <tr> <td>CS = Screening Level Concern</td> <td colspan="2">NS = Nonsupport</td> </tr> </table> | FS = Fully Supporting | NC = No Concern | CN = Use Concern | CS = Screening Level Concern | NS = Nonsupport | | | | |
| 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: | This is the assessment category assigned to this impairment. Subcategories as follows: | | | | | | | | | |
| | Category 4: Standard is not supported or is threatened for one or more designated uses but does not require the development of a TMDL. | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">4a - TMDL has been completed and approved by EPA.Category.</td> <td style="width: 33%;">4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.</td> <td style="width: 33%;">4c - Nonsupport of the water quality standard is not caused by a pollutant.</td> </tr> </table> | 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. | | | | | | |
| | 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. | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">5a - A TMDL is underway, scheduled, or will be scheduled.</td> <td style="width: 33%;">5b - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.</td> <td style="width: 33%;">5c - Additional data and information will be collected before a TMDL is scheduled.</td> </tr> </table> | 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. | | | | | | |
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2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1801 Guadalupe River Tidal

AUID 1801_01 Entire segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|----------------------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 36 | | 6 | 4.81 | 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 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 21 | | 4 | 4.7 | 5.00 | JQ | CN | <input type="checkbox"/> | CN | depressed dissolved oxygen | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 21 | | 2 | 3.81 | 4.00 | 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 | 6 | | 1 | 722 | 394.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 400.00 | SM | NA | <input type="checkbox"/> | NA | | |
| Bacteria Single Sample | Enterococcus | 12/1/2001 | 11/30/2008 | 16 | | 2 | 336.5 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 6 | 30.54 | | | 126.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 3 | 35.98 | | | 200.00 | SM | NA | <input type="checkbox"/> | NA | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 16 | 29.18 | | | 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 | 36 | | 0 | | 35.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 35 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 35 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Enterococci (1006, 1007) single sample | Enterococcus | 12/1/2001 | 11/30/2008 | 16 | | 2 | 336.5 | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Enterococci (1006, 1007) geometric mean | Enterococcus | 12/1/2001 | 11/30/2008 | 16 | 29.18 | | | 89.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 26 | | 23 | 2.37 | 1.10 | AD | CS | <input type="checkbox"/> | CS | nitrate | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1801_01 Entire segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.46 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 28 | | 1 | 0.92 | 0.66 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 26 | | 5 | 33.94 | 21.00 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1802 Guadalupe River Below San Antonio River

AUID 1802_01

Entire segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/1998 | 11/30/2008 | 46 | | 3 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/1998 | 11/30/2008 | 46 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Multiple | 12/1/2001 | 11/30/2008 | 9 | | | | | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Multiple | 12/1/2001 | 11/30/2008 | 9 | | | | | 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 | E. coli | 12/1/2001 | 11/30/2008 | 42 | | 3 | 635.7 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/1998 | 11/30/2008 | 42 | 56.40 | | | 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 | 12/1/1998 | 11/30/2008 | 45 | | 0 | | 33.90 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/1998 | 11/30/2008 | 45 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/1998 | 11/30/2008 | 45 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 82 | 456.39 | | | 700.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 82 | 59.26 | | | 150.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 82 | 54.49 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/1998 | 11/30/2008 | 118 | | 4 | 0.75 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 118 | | 18 | 18.9 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/1998 | 11/30/2008 | 60 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 118 | | 50 | 2.84 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1802_01 Entire segment

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Multiple | 12/1/2001 | 11/30/2008 | 9 | | 0 | | | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? No

SEGID 1803 Guadalupe River Below San Marcos River

AUID 1803_01

Lower 25 miles of segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 20 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 20 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 237.79 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 252.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 0.80 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 20.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 3,114.37 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 44.35 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,177.40 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 93.82 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 991.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 360.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 5.74 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 3 | 0.43 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 3 | 2.17 | | | 180.75 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 3 | 2.66 | | | 271.64 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | 1.95 | | | 302.28 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 1.71 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 3 | 1.86 | | | 190.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1803_01 Lower 25 miles of segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|-----------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 3 | 2.74 | | | 21.34 | 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 | 20 | | 4 | 1167.25 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 20 | 76.36 | | | 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 | | 0 | | 33.90 | 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 | 131 | 353.95 | | | 500.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 131 | 29.05 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 131 | 30.65 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 20 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 20 | | 3 | 44.5 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 20 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 20 | | 3 | 8.47 | 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 |
|------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | 1.95 | | | 100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1803_01 Lower 25 miles of segment

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Lead | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 20 | 1.85 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2001 | 11/30/2008 | 3 | 1.86 | | | 50.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2001 | 11/30/2008 | 3 | 0.43 | | | 50.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1803_02 From confluence with Coletto Creek 25 miles 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 | 12/1/2004 | 11/30/2008 | 16 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2004 | 11/30/2008 | 16 | | 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 | 12/1/2004 | 11/30/2008 | 16 | | 3 | 1440 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2004 | 11/30/2008 | 16 | 90.48 | | | 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 | 12/1/2004 | 11/30/2008 | 16 | | 0 | | 33.90 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2004 | 11/30/2008 | 16 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2004 | 11/30/2008 | 16 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 131 | 29.05 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 131 | 30.65 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 131 | 353.95 | | | 500.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2004 | 11/30/2008 | 16 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2004 | 11/30/2008 | 16 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2004 | 11/30/2008 | 16 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2004 | 11/30/2008 | 16 | | 0 | | 0.69 | 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 | Nitrate | 12/1/2004 | 11/30/2008 | 16 | 0.92 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1803_03

From confluence with Sandies Creek 25 miles 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 | 83 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 1,108.61 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 236.90 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 2,926.61 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 0.80 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 41.38 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 86.35 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 991.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 216.55 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | 0.98 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 1.71 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | 1.56 | | | 302.28 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | 0.59 | | | 21.34 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.74 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | 2.01 | | | 271.64 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | 0.35 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 5 | 0.30 | | | 180.75 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1803_03 From confluence with Sandies Creek 25 miles upstream

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 | 83 | | 9 | 708 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 83 | 56.22 | | | 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 | 83 | | 0 | | 33.90 | 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 | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 131 | 353.95 | | | 500.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 131 | 29.05 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 131 | 30.65 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 83 | | 3 | 27.37 | 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 |
|------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | 1.56 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.00 | LD | 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 | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID **1803_03** From confluence with Sandies Creek 25 miles upstream

USE **Public Water Supply Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 83 | 0.80 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2001 | 11/30/2008 | 5 | 0.35 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2001 | 11/30/2008 | 5 | 0.98 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |

AUID **1803_04** From 25 miles upstream of confluence. with Coletto Ck. to confluence. with Sandies Ck.

USE **General Use**

| Method | 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 | 131 | 353.95 | | | 500.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 131 | 29.05 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 131 | 30.65 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |

AUID **1803_05** From 25 miles upstream of confluence. with Sandies Ck. to upper end of segment

USE **General Use**

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 131 | 353.95 | | | 500.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 131 | 29.05 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 131 | 30.65 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1803A Elm Creek (unclassified water body)

AUID 1803A_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 | 27 | | 20 | 2.9 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 27 | | 9 | 1.82 | 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 | 26 | | 19 | 3.06 | 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 | 26 | | 12 | 1.35 | 3.00 | AD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Habitat | Habitat | 12/1/2001 | 11/30/2008 | 7 | 21.00 | 1 | | 20.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Macrobenthic Community | Macrobenthic Community | 12/1/2001 | 11/30/2008 | 7 | 34.00 | 1 | | 29.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Fish Community | Fish Community | 12/1/2001 | 11/30/2008 | 7 | 44.00 | 3 | | 41.00 | 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 | 28 | | 5 | 1000.98 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 21 | | 5 | 660.4 | 400.00 | SM | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 28 | 123.91 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 21 | 141.51 | | | 200.00 | SM | 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 | 25 | | 1 | 0.7 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 28 | | 4 | 19.95 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 28 | | 2 | 0.42 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 26 | | 1 | 0.36 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1803B Sandies Creek (unclassified water body)

AUID

1803B_01

From the confluence with the Guadalupe River to the confluence with Elm Ck.

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|---------------------------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 105 | | 16 | 3.4 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 105 | | 5 | 2.08 | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 31 | | 14 | 3.66 | 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 | 31 | | 6 | 2 | 3.00 | AD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Habitat | Habitat | 12/1/2001 | 11/30/2008 | 3 | 18.00 | 3 | | 20.00 | AD | CS | <input type="checkbox"/> | CS | impaired habitat | |
| Macrobenthic Community | Macrobenthic Community | 12/1/2001 | 11/30/2008 | 6 | 28.00 | 4 | | 29.00 | AD | NS | <input type="checkbox"/> | NS | impaired macrobenthic community | 5b |
| Fish Community | Fish Community | 12/1/2001 | 11/30/2008 | 6 | 37.00 | 5 | | 41.00 | AD | NS | <input type="checkbox"/> | NS | impaired fish community | 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 | 107 | | 22 | 1091.71 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 24 | | 9 | 2069.44 | 400.00 | SM | NS | <input type="checkbox"/> | NS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 107 | 170.19 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5c |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 24 | 255.95 | | | 200.00 | SM | NS | <input type="checkbox"/> | NS | | |

USE

General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 108 | | 12 | 0.92 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 116 | | 20 | 39.15 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 32 | | 2 | 0.44 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 114 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 70 | | 2 | 0.43 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1803B_02 From the confluence with Elm Creek to upper end of 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 | 26 | | 16 | 3.25 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 26 | | 7 | 2.15 | 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 | 31 | | 16 | 3.27 | 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 | 31 | | 10 | 2.14 | 3.00 | AD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Habitat | Habitat | 12/1/2001 | 11/30/2008 | 7 | 16.00 | 7 | | 20.00 | TR | NA | <input type="checkbox"/> | NA | | |
| Macroinvertebrate Community | Macroinvertebrate Community | 12/1/2001 | 11/30/2008 | 7 | 24.00 | 6 | | 29.00 | TR | NA | <input type="checkbox"/> | NA | | |
| Fish Community | Fish Community | 12/1/2001 | 11/30/2008 | 7 | 39.00 | 5 | | 41.00 | TR | 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 | Fecal coliform | 12/1/2001 | 11/30/2008 | 21 | | 2 | 800 | 400.00 | SM | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 28 | | 5 | 981.42 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 28 | 134.38 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5c |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 21 | 101.56 | | | 200.00 | SM | 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 | 29 | | 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 | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 28 | | 2 | 0.45 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 23 | | 1 | 1.27 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 33 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1803C Peach Creek (unclassified water body)

AUID

1803C_01

Lower 25 miles of 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 | 127 | | 29 | 2.69 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 127 | | 17 | 1.55 | 3.00 | AD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5c |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 13.71 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 37.74 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 467.54 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 187.78 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 7.49 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 6 | | 1 | 4080 | 991.00 | LD | CN | <input type="checkbox"/> | PI | aluminum in water | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 0.80 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 5.37 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 7 | 0.11 | | | 1.44 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 6 | 6.62 | | | 149.84 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 7 | 0.27 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 7 | 3.35 | | | 225.26 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 7 | 0.48 | | | 4.33 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 7 | 2.07 | | | 252.17 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 7 | 3.47 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1803C_01 Lower 25 miles of 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 |
|-----------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 7 | 1.36 | | | 17.67 | 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 | E. coli | 12/1/2001 | 11/30/2008 | 122 | | 35 | 2733.63 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 10 | | 2 | 1970 | 400.00 | SM | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 122 | 242.48 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 10 | 250.98 | | | 200.00 | SM | NS | <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 | 86 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 47 | | 1 | 2.01 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 88 | | 2 | 0.84 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 87 | | 0 | | 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 |
|------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 7 | 2.07 | | | 3,320.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 7 | 0.48 | | | 25.30 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1803C_03 From approx. 1.2 mi. downstream of FM 1680 in Gonzales Co. to confluence with Elm Cr. In Fayette Co.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|----------------------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 59 | | 33 | 2.19 | 5.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 59 | | 23 | 1.61 | 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 | Fecal coliform | 12/1/2001 | 11/30/2008 | 10 | | 4 | 580 | 400.00 | SM | CN | <input type="checkbox"/> | CN | | |
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 54 | | 23 | 15541.78 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 54 | 347.69 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 10 | 280.24 | | | 200.00 | SM | NS | <input type="checkbox"/> | NS | | |

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|---------------|-----|
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 18 | | 6 | 35.25 | 14.10 | AD | CS | <input type="checkbox"/> | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 18 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 18 | | 1 | 0.56 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 18 | | 4 | 0.82 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **Yes**

SEGID 1803D Salty Creek (unclassified water body)

AUID 1803D_01 Entire segment.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|-------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 3.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 2 | | 1 | 1.2 | 2.00 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1.95 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.37 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.33 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.69 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 1 | | 1 | 29.2 | 14.10 | ID | NA | <input type="checkbox"/> | NA | | |

Segment New
in 2010? **Yes**

SEGID 1803E Little Elm Creek (unclassified water body)

AUID 1803E_01 Entire segment.

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|-----------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1.95 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.37 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.33 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 1 | | 1 | 19.9 | 14.10 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **Yes**

SEGID 1803F Denton Creek (unclassified water body)

AUID 1803F_01 Entire segment.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|----------------------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 9 | | 3 | 4.27 | 5.00 | LD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 9 | | 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 | E. coli | 12/1/2001 | 11/30/2008 | 10 | | 6 | 4688.33 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 10 | 652.99 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |

Segment New
in 2010? **Yes**

SEGID 1803G Sandy Fork (unclassified water body)

AUID 1803G_01 From the confluence with Sandy Creek up to the confluence with Scruggs 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 | 9 | | 1 | 4.8 | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 9 | | 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 | E. coli | 12/1/2001 | 11/30/2008 | 10 | | 9 | 3793.11 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 10 | 1091.31 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5b |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? No

SEGID 1804 Guadalupe River Below Comal River

AUID 1804_01

From a point immediately upstream of the confluence with San Marcos River in Gonzales County, up the confluence with Clemens Creek in Gonzales county, Texas.

USE Aquatic Life Use

| Method | 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 | 82 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 82 | | 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 | 81 | | 6 | 877.67 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 81 | 39.39 | | | 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 | 83 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 320 | 331.87 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 313 | 17.80 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 313 | 24.85 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 83 | | 2 | 20.1 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804_01 From a point immediately upstream of the confluence with San Marcos River in Gonzales County, up the confluence with Clemens Creek in Gonzales county, Texas.

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.53 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.83 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 525.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 4.38 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.13 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.60 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.61 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/1998 | 11/30/2008 | 10 | | 2 | 0.4 | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 35.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.14 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.25 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.23 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 5.25 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 250.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.06 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.20 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 82 | 0.90 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1804_02

From the confluence with Mill Creek up to McQueeney Dam.

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 49 | | 1 | 4.5 | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 49 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/1998 | 11/30/2008 | 11 | | 0 | | 237.81 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/1998 | 11/30/2008 | 11 | | 0 | | 0.80 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Zinc | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 252.15 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/1998 | 11/30/2008 | 11 | | 0 | | 20.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 3,114.60 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 1,177.48 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/1998 | 11/30/2008 | 11 | | 0 | | 93.83 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/1998 | 11/30/2008 | 11 | | 0 | | 360.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Aluminum | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 991.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Copper | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 44.35 | AD | FS | <input type="checkbox"/> | FS | | |
| Chronic Toxic Substances in water | Selenium | 12/1/1998 | 11/30/2008 | 11 | 0.20 | | | 5.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Chronic Toxic Substances in water | Zinc | 12/1/1998 | 11/30/2008 | 10 | 2.40 | | | 187.23 | AD | FS | <input type="checkbox"/> | FS | | |
| Chronic Toxic Substances in water | Nickel | 12/1/1998 | 11/30/2008 | 10 | 5.26 | | | 281.36 | AD | FS | <input type="checkbox"/> | FS | | |
| Chronic Toxic Substances in water | Lead | 12/1/1998 | 11/30/2008 | 11 | 0.23 | | | 6.05 | AD | FS | <input type="checkbox"/> | FS | | |
| Chronic Toxic Substances in water | Copper | 12/1/1998 | 11/30/2008 | 10 | 1.38 | | | 22.12 | AD | FS | <input type="checkbox"/> | FS | | |
| Chronic Toxic Substances in water | Chromium | 12/1/1998 | 11/30/2008 | 10 | 1.95 | | | 312.75 | AD | FS | <input type="checkbox"/> | FS | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/1998 | 11/30/2008 | 11 | 0.13 | | | 1.77 | AD | FS | <input type="checkbox"/> | FS | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/1998 | 11/30/2008 | 11 | 1.22 | | | 190.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Toxic Substances in sediment | Chromium | 12/1/1998 | 11/30/2008 | 7 | | 0 | | 111.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804_02 From the confluence with Mill Creek up to McQueeney Dam.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Toxic Substances in sediment | Copper | 12/1/1998 | 11/30/2008 | 7 | | 0 | | 149.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Lead | 12/1/1998 | 11/30/2008 | 7 | | 0 | | 128.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Manganese | 12/1/1998 | 11/30/2008 | 7 | | 0 | | 1,100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Mercury | 12/1/1998 | 11/30/2008 | 6 | | 0 | | 1.06 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Nickel | 12/1/1998 | 11/30/2008 | 7 | | 0 | | 48.60 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Zinc | 12/1/1998 | 11/30/2008 | 7 | | 0 | | 459.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Iron | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 40,000.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Cadmium | 12/1/1998 | 11/30/2008 | 7 | | 0 | | 4.98 | 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 | Fecal coliform | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 400.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 46 | | 7 | 842.27 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 5 | 88.76 | | | 200.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 46 | 66.80 | | | 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 | 49 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 48 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 48 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 320 | 331.87 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 313 | 17.80 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 313 | 24.85 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1804_02

From the confluence with Mill Creek up to McQueeney 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 |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 53 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 53 | | 4 | 18.05 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 51 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 52 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 52 | | 3 | 2.3 | 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 |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/1998 | 11/30/2008 | 10 | 1.95 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/1998 | 11/30/2008 | 11 | 0.23 | | | 4.98 | AD | FS | <input type="checkbox"/> | FS | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/1998 | 11/30/2008 | 11 | 0.24 | | | 5.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.61 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 525.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 4.38 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.13 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 35.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.53 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.60 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.20 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.06 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 250.00 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1804_02

From the confluence with Mill Creek up to McQueeney Dam.

USE

Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|--------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 5.25 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.23 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/1998 | 11/30/2008 | 10 | | 2 | 0.4 | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.14 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.83 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/1998 | 11/30/2008 | 10 | | 0 | | 0.25 | 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 | Nitrate | 12/1/1998 | 11/30/2008 | 75 | 1.21 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/1998 | 11/30/2008 | 11 | 0.20 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/1998 | 11/30/2008 | 11 | 0.23 | | | 4.98 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/1998 | 11/30/2008 | 11 | 0.24 | | | 5.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | 2,4-D | 12/1/1998 | 11/30/2008 | 2 | 2.50 | | | 70.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/1998 | 11/30/2008 | 11 | 1.22 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/1998 | 11/30/2008 | 59 | 0.18 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804_03 From McQueeney Dam up to TP-1 on Lake Dunlap (NHD RC 12100202000118)

USE Aquatic Life Use

| Method | 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 | 139 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 139 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 14 | | 0 | | 5.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 14 | | 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 | 130 | | 6 | 1195.33 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 130 | 20.77 | | | 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 | 141 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 141 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 141 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 320 | 331.87 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 313 | 17.80 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 313 | 24.85 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 136 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 136 | | 7 | 20.19 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 136 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 101 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804_03 From McQueeney Dam up to TP-1 on Lake Dunlap (NHD RC 12100202000118)

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.53 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.83 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 525.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 4.38 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.13 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.60 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.61 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 10 | | 2 | 0.4 | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 35.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.14 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.25 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.23 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 5.25 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 250.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.06 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.20 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 136 | 0.80 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1804_04

From TP-1 dam on Lake Dunlap (NHD RC 12100202000118) up to immediately upstream of Comal River confluence.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 230 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 230 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 190.05 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 217.19 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 20.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 2,683.43 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 1,019.31 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 76.92 | 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 | Aluminum | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 991.00 | 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 | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 37.57 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 2 | 0.47 | | | 22.12 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 2 | 1.17 | | | 187.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 2 | 0.42 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.05 | | | 6.05 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 2 | 1.81 | | | 312.75 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 2 | 0.05 | | | 1.77 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 2 | 0.38 | | | 190.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 2 | 2.05 | | | 281.36 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804_04 From TP-1 dam on Lake Dunlap (NHD RC 12100202000118) up to immediately upstream of Comal River confluence.

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 | 107 | | 6 | 799.83 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 107 | 49.52 | | | 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 | 235 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 235 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 235 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 313 | 24.85 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 320 | 331.87 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 313 | 17.80 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 212 | | 1 | 1.96 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 101 | | 1 | 0.46 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 176 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 212 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 211 | | 22 | 26.49 | 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 |
|---------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 2 | 1.81 | | | 100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.05 | | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2001 | 11/30/2008 | 2 | 0.05 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.60 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 10 | | 2 | 0.4 | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804_04 From TP-1 dam on Lake Dunlap (NHD RC 12100202000118) up to immediately upstream of Comal River 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 |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 4.38 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.83 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.13 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 35.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.53 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 525.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.25 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.20 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.06 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 250.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.23 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.14 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 5.25 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.61 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 218 | 1.04 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2001 | 11/30/2008 | 2 | 0.42 | | | 50.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.05 | | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2001 | 11/30/2008 | 2 | 0.05 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1804_04

From TP-1 dam on Lake Dunlap (NHD RC 12100202000118) up to immediately upstream of Comal River confluence.

USE

Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2001 | 11/30/2008 | 2 | 0.38 | | | 50.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1804_05

From confluence with Clemens Creek up to the confluence with Mill Creek.

USE

General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 313 | 17.80 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 313 | 24.85 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 320 | 331.87 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |

USE

Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|--------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.60 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.83 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 525.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 4.38 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 10 | | 2 | 0.4 | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.13 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 35.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.04 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.53 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.14 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.25 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.20 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.06 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 250.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.23 | AD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 5.25 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804_05 From confluence with Clemens Creek up to the confluence with Mill Creek.

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.61 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1804A Geronimo Creek (unclassified water body)

AUID

1804A_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 | 88 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 88 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 3.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 286.44 | 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 | 3 | | 0 | | 285.39 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 20.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 3,524.54 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 50.90 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,327.22 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 110.64 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 991.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 360.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.05 | | | 4.33 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 3 | 2.60 | | | 225.26 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 3 | 2.15 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | 1.69 | | | 252.17 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 3 | 0.54 | | | 149.84 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804A_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 |
|-----------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | 0.20 | | | 1.44 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 3 | 1.47 | | | 190.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 3 | 0.56 | | | 17.67 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 149.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 459.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 48.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 128.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 111.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1.06 | 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 | 81 | | 11 | 1277.82 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 81 | 160.95 | | | 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 | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 82 | | 82 | 12.46 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1804A_01 Entire water body

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | 1.69 | | | 3,320.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 2 | 0.05 | | | 25.30 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? No

SEGID 1805 Canyon Lake

AUID 1805_01

Cove around Jacob's Creek Park

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 118 | | 0 | | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 118 | | 0 | | 4.00 | 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 | 107 | | 2 | 1230 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 107 | 4.31 | | | 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 | 119 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 119 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 119 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 181 | 252.48 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 179 | 14.19 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 179 | 19.98 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 113 | | 9 | 0.41 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 108 | | 1 | 37.3 | 26.70 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 67 | | 3 | 0.14 | 0.11 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 113 | | 0 | | 0.20 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_01 Cove around Jacob's Creek Park

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 | mercury in edible tissue | 5c |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/1998 | 11/30/2008 | 2 | | 1 | 0.7 | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 117 | 0.14 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1805_02

North end of Crane's Mill Park peninsula to south end of Canyon Park

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 28 | | 1 | 5.94 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 6.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 4.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 55.25 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 169.40 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 0.80 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 2,093.72 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 801.63 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 991.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 28.50 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 130.83 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 4 | 2.00 | | | 260.24 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 4 | 0.13 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 4 | 2.50 | | | 232.71 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 4 | 0.64 | | | 18.26 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 4 | 2.00 | | | 154.81 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 4 | 0.10 | | | 1.48 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 4 | 2.50 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_02 North end of Crane's Mill Park peninsula to south end of Canyon Park

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|-----------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 4 | 0.05 | | | 4.55 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Manganese | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 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 | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 48.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 128.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 149.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 111.00 | 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 | 19 | | 0 | | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 400.00 | SM | NA | <input type="checkbox"/> | NA | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 19 | 1.09 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 2 | 1.00 | | | 200.00 | SM | 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 |
|-------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 181 | 252.48 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 179 | 14.19 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1805_02

North end of Crane's Mill Park peninsula to south end of Canyon Park

USE

General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 179 | 19.98 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 25 | | 3 | 0.52 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 0.05 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.11 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.20 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 26.70 | 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 | mercury in edible tissue | 5c |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 4 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2001 | 11/30/2008 | 4 | 0.10 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 4 | 2.00 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/1998 | 11/30/2008 | 2 | | 1 | 0.7 | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_02 North end of Crane's Mill Park peninsula to south end of Canyon Park

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|--------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2001 | 11/30/2008 | 4 | 0.10 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2001 | 11/30/2008 | 24 | 0.16 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2001 | 11/30/2008 | 4 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 25 | 0.14 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2001 | 11/30/2008 | 4 | 0.13 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2001 | 11/30/2008 | 4 | 2.50 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1805_03

Upper end of segment

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 29 | | 3 | 5.67 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 6.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 4.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 29.78 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 0.80 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 176.26 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 138.87 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 833.02 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 58.25 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 991.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 2,178.46 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/1998 | 11/30/2008 | 4 | 0.08 | | | 4.55 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/1998 | 11/30/2008 | 4 | 0.13 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/1998 | 11/30/2008 | 4 | 2.50 | | | 232.71 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/1998 | 11/30/2008 | 4 | 2.00 | | | 260.24 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/1998 | 11/30/2008 | 4 | 0.16 | | | 1.48 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/1998 | 11/30/2008 | 4 | 4.06 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/1998 | 11/30/2008 | 4 | 2.00 | | | 154.81 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1805_03

Upper end of segment

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|-----------------------------------|----------------------------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Chronic Toxic Substances in water | Copper | 12/1/1998 | 11/30/2008 | 4 | 1.23 | | | 18.26 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | 1,3-Dichlorobenzene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 350.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Lead | 12/1/1998 | 11/30/2008 | 9 | | 0 | | 128.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Manganese | 12/1/1998 | 11/30/2008 | 9 | | 0 | | 1,100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Mercury | 12/1/1998 | 11/30/2008 | 6 | | 0 | | 1.06 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Naphthalene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 561.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/1998 | 11/30/2008 | 9 | | 0 | | 48.60 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Phenanthrene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 1,170.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachloroethane | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 13,770.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/1998 | 11/30/2008 | 9 | | 0 | | 459.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Iron | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 40,000.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Benz(a)anthracene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 1,050.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nitrobenzene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 161.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Pyrene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 1,520.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Benzo(a)pyrene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 1,450.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Di-n-butyl phthalate | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 43.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | 1,4-Dichlorobenzene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 4,650.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acenaphthene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 89.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachlorobutadiene (HCBD) | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 550.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Anthracene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 845.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/1998 | 11/30/2008 | 9 | | 0 | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_03 Upper end of segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Toxic Substances in sediment | Chromium | 12/1/1998 | 11/30/2008 | 9 | | 0 | | 111.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Chrysene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 1,290.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/1998 | 11/30/2008 | 9 | | 0 | | 149.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Dibenz(a,h)anthracene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 140.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Fluoranthene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 2,230.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Fluorene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 536.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Hexachlorobenzene (HCB) | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 240.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Acenaphthylene | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 130.00 | 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 | 19 | | 0 | | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 400.00 | SM | NA | <input type="checkbox"/> | NA | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 19 | 1.81 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 2 | 2.00 | | | 200.00 | SM | 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 |
|-------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 32.20 | 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 | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 179 | 14.19 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 179 | 19.98 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 181 | 252.48 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_03 Upper end of segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 26 | | 5 | 0.59 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 26 | | 1 | 0.24 | 0.05 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 27 | | 1 | 0.18 | 0.11 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.20 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 26.70 | 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 | mercury in edible tissue | 5c |
| HH Bioaccumulative Toxics in water | Lead | 12/1/1998 | 11/30/2008 | 4 | 0.08 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/1998 | 11/30/2008 | 4 | 0.16 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/1998 | 11/30/2008 | 4 | 2.00 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/1998 | 11/30/2008 | 2 | | 1 | 0.7 | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_03 Upper end of segment

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/1998 | 11/30/2008 | 4 | 0.16 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/1998 | 11/30/2008 | 4 | 0.13 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/1998 | 11/30/2008 | 37 | 0.16 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/1998 | 11/30/2008 | 29 | 0.18 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/1998 | 11/30/2008 | 4 | 4.06 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/1998 | 11/30/2008 | 4 | 0.08 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1805_04

Lower end of reservoir from dam upstream to Canyon Park

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 6.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 129.01 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 2,074.36 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 0.80 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 794.46 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 167.83 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 54.57 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 991.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/1998 | 11/30/2008 | 4 | | 0 | | 28.20 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/1998 | 11/30/2008 | 4 | 2.00 | | | 260.24 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/1998 | 11/30/2008 | 4 | 2.00 | | | 154.81 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/1998 | 11/30/2008 | 4 | 0.13 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/1998 | 11/30/2008 | 4 | 2.50 | | | 232.71 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/1998 | 11/30/2008 | 4 | 0.81 | | | 18.26 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/1998 | 11/30/2008 | 4 | 0.10 | | | 1.48 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/1998 | 11/30/2008 | 4 | 2.50 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_04 Lower end of reservoir from dam upstream to Canyon Park

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|-----------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Chronic Toxic Substances in water | Lead | 12/1/1998 | 11/30/2008 | 4 | 0.05 | | | 4.55 | LD | NC | <input type="checkbox"/> | NC | | |
| Toxic Substances in sediment | Nickel | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 48.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 459.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Iron | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 40,000.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Manganese | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 1,100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Lead | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 128.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Chromium | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 111.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/1998 | 11/30/2008 | 1 | | 0 | | 149.00 | 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 | 21 | | 0 | | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 400.00 | SM | NA | <input type="checkbox"/> | NA | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 21 | 1.65 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 2 | 1.00 | | | 200.00 | SM | 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 |
|-------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 181 | 252.48 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 179 | 14.19 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_04 Lower end of reservoir from dam upstream to Canyon Park

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 179 | 19.98 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 22 | | 2 | 0.44 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 22 | | 0 | | 0.05 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 23 | | 1 | 0.18 | 0.11 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 23 | | 0 | | 0.20 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 23 | | 0 | | 26.70 | 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 | mercury in edible tissue | 5c |
| HH Bioaccumulative Toxics in water | Chlorobenzene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 776.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | 1,2-Dichloroethane | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | 1,2-Dibromoethane | 12/1/1998 | 11/30/2008 | 4 | 0.01 | | | 0.01 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chloroform | 12/1/1998 | 11/30/2008 | 4 | 0.50 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Vinyl chloride | 12/1/1998 | 11/30/2008 | 4 | 0.50 | | | 2.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | 1,1,1-Trichloroethane | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 200.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Tetrachloroethene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Methyl ethyl ketone | 12/1/1998 | 11/30/2008 | 4 | 2.50 | | | 52,917.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/1998 | 11/30/2008 | 4 | 0.10 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | 1,1-Dichloroethylene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 1.63 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Acrylonitrile | 12/1/1998 | 11/30/2008 | 4 | 0.64 | | | 1.28 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/1998 | 11/30/2008 | 4 | 2.00 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1805_04

Lower end of reservoir from dam upstream to Canyon Park

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 | Hexachlorobutadiene (HCBD) | 12/1/1998 | 11/30/2008 | 4 | 0.44 | | | 2.99 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/1998 | 11/30/2008 | 4 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Trichloroethene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Benzene | 12/1/1998 | 11/30/2008 | 4 | 0.45 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Carbon tetrachloride | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 3.76 | LD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/1998 | 11/30/2008 | 2 | | 1 | 0.7 | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_04 Lower end of reservoir from dam upstream to Canyon Park

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/1998 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|----------------------------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Methyl ethyl ketone | 12/1/1998 | 11/30/2008 | 4 | 2.50 | | | 52,917.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Carbon tetrachloride | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 3.76 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Trihalomethane | 12/1/1998 | 11/30/2008 | 4 | 0.50 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | 1,2-Dichloroethane | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | 1,1-Dichloroethylene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 1.63 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Tetrachloroethene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | 1,1,1-Trichloroethane | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 200.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Vinyl chloride | 12/1/1998 | 11/30/2008 | 4 | 0.50 | | | 2.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | 1,2-Dibromoethane | 12/1/1998 | 11/30/2008 | 4 | 0.01 | | | 0.01 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Benzene | 12/1/1998 | 11/30/2008 | 4 | 0.45 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Chloroform | 12/1/1998 | 11/30/2008 | 4 | 0.50 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Chlorobenzene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 776.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Trichloroethene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/1998 | 11/30/2008 | 4 | 0.13 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/1998 | 11/30/2008 | 27 | 0.13 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/1998 | 11/30/2008 | 4 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Hexachlorobutadiene (HCBD) | 12/1/1998 | 11/30/2008 | 4 | 0.44 | | | 2.99 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/1998 | 11/30/2008 | 28 | 0.16 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1805_04 Lower end of reservoir from dam upstream to Canyon Park

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|---------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Cadmium | 12/1/1998 | 11/30/2008 | 4 | 0.10 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/1998 | 11/30/2008 | 4 | 2.50 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Acrylonitrile | 12/1/1998 | 11/30/2008 | 4 | 0.64 | | | 1.28 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | 1,3-Dichlorobenzene | 12/1/1998 | 11/30/2008 | 4 | 0.31 | | | 75.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1806 Guadalupe River Above Canyon Lake

AUID 1806_01

From a point 2.7 KM (1.7 miles) downstream of Rebecca Creek Road in Comal County up to the confluence with Honey Creek (NHD RC 12100201000012).

USE Aquatic Life Use

| Method | 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 | 68 | | 0 | | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 68 | | 0 | | 4.00 | 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 | 68 | | 4 | 428.75 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 68 | 69.82 | | | 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 | 68 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 68 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 68 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 338 | 316.88 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 303 | 18.86 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 303 | 20.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_01 From a point 2.7 KM (1.7 miles) downstream of Rebecca Creek Road in Comal County up to the confluence with Honey Creek (NHD RC 12100201000012).

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 61 | 0.55 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_02 From the confluence with Joshua Creek up to Flat Rock Dam (NHD RC 12100201000060) in Kerrville, Kerr County, Texas.

USE Aquatic Life Use

| Method | 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 | 121 | | 3 | 5.82 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 121 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 202.41 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 170.95 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 2,501.09 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 952.19 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 70.03 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 991.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 0.80 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 34.74 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 5 | 0.46 | | | 184.83 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | 0.68 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 1.75 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | 1.28 | | | 308.88 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | 0.46 | | | 21.83 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.93 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | 1.46 | | | 277.77 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | 0.19 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_02 From the confluence with Joshua Creek up to Flat Rock Dam (NHD RC 12100201000060) in Kerrville, Kerr County, Texas.

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 | 1 | | 0 | | 89.00 | SM | NA | <input type="checkbox"/> | NA | | |
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 284 | | 10 | 728.14 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 400.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 284 | 60.28 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | 57.50 | | | 200.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | Enterococcus | 12/1/2001 | 11/30/2008 | 1 | 46.00 | | | 35.00 | SM | 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 |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 121 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 121 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 121 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 338 | 316.88 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 303 | 18.86 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 303 | 20.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 104 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 101 | | 2 | 2.53 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 107 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.33 | 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 |
|------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_02 From the confluence with Joshua Creek up to Flat Rock Dam (NHD RC 12100201000060) in Kerrville, Kerr County, Texas.

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 | 5 | 1.28 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_02 From the confluence with Joshua Creek up to Flat Rock Dam (NHD RC 12100201000060) in Kerrville, Kerr County, Texas.

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 | Selenium | 12/1/2001 | 11/30/2008 | 5 | 0.19 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2001 | 11/30/2008 | 5 | 0.68 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2001 | 11/30/2008 | 29 | 0.23 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 101 | 0.67 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_03

From Flat Rock Dam (NHD RC 12100201000060) up to just upstream of the confluence with Third Creek (NHD RC 12100201008474), in Kerrville, Kerr County, Texas.

USE General Use

| Method | 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 | 338 | 316.88 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 303 | 20.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 303 | 18.86 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1806_03

From Flat Rock Dam (NHD RC 12100201000060) up to just upstream of the confluence with Third Creek (NHD RC 12100201008474), in Kerrville, Kerr County, Texas.

USE

Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------|--------------------|------------------|--------|--------------|-------------|----------------|----------|------------|-----|--------------------------|------------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1806_04

From the confluence with Third Creek (NHD RC 12100201008474) up to just upstream of the confluence with Camp Meeting Creek (NHD RC 12100201008463) in Kerrville, Kerr County, Texas.

USE

Aquatic Life Use

| Method | 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 | | 1 | 5.7 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 57 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Toxic Substances in sediment | Chromium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 111.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 459.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 48.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 149.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Toxic Substances in sediment | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 128.00 | 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 | 144 | | 26 | 1616.61 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 144 | 128.34 | | | 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 | 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 | 303 | 20.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 338 | 316.88 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 303 | 18.86 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_04

From the confluence with Third Creek (NHD RC 12100201008474) up to just upstream of the confluence with Camp Meeting Creek (NHD RC 12100201008463) in Kerrville, Kerr County, Texas.

USE General Use

| 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 | 25 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.69 | 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 |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_04

From the confluence with Third Creek (NHD RC 12100201008474) up to just upstream of the confluence with Camp Meeting Creek (NHD RC 12100201008463) in Kerrville, Kerr County, Texas.

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 24 | 0.41 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1806_05

From the confluence with Camp Meeting Creek (NHD RC 12100201008463) up to the confluence with Town Creek (NHD RC 12100201008543), in Kerrville, Kerr County, Texas.

USE

Aquatic Life Use

| Method | 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 | 91 | | 2 | 5.9 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 91 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 70.03 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 0.80 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 202.41 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 2,501.09 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 170.95 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 952.19 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 991.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 34.74 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | 0.65 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 1.75 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | 1.38 | | | 308.88 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | 0.44 | | | 21.83 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.93 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | 1.30 | | | 277.77 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | 0.23 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 5 | 0.30 | | | 184.83 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_05

From the confluence with Camp Meeting Creek (NHD RC 12100201008463) up to the confluence with Town Creek (NHD RC 12100201008543), in Kerrville, Kerr County, Texas.

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 | 267 | | 53 | 1216.67 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 267 | 151.20 | | | 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 | 91 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 91 | | 1 | 9.7 | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 91 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 338 | 316.88 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 303 | 18.86 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 303 | 20.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 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 |
|---------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | 1.38 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1806_05

From the confluence with Camp Meeting Creek (NHD RC 12100201008463) up to the confluence with Town Creek (NHD RC 12100201008543), in Kerrville, Kerr County, Texas.

USE

Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |

USE

Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 24 | 0.45 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2001 | 11/30/2008 | 5 | 0.23 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2001 | 11/30/2008 | 5 | 0.65 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_06

From the confluence with Town Creek (NHD RC 12100201008543) up to the confluence with Goat Creek (NHD RC 12100201008513) in Kerrville, Kerr County, Texas.

USE Aquatic Life Use

| Method | 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 | 50 | | 5 | 5.37 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 50 | | 1 | 3.7 | 4.00 | 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 | 313 | | 7 | 547.29 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 313 | 23.00 | | | 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 |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 50 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 50 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 50 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 303 | 18.86 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 303 | 20.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 338 | 316.88 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.69 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 14.10 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1.95 | 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 |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1806_06

From the confluence with Town Creek (NHD RC 12100201008543) up to the confluence with Goat Creek (NHD RC 12100201008513) in Kerrville, Kerr County, Texas.

USE

Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|--------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |

USE

Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 1 | 0.40 | | | 10,000.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_07 From the confluence with Goat Creek (NHD RC 12100201008513) up to the upper end of the segment (NHD RC 12100201001482) in Kerr County.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 56 | | 3 | 5.62 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 56 | | 0 | | 4.00 | 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 | 308 | | 7 | 1481.17 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 308 | 19.69 | | | 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 | 56 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 56 | | 1 | 9.17 | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 56 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 303 | 18.86 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 303 | 20.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 338 | 316.88 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 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 |
|---------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1806_07

From the confluence with Goat Creek (NHD RC 12100201008513) up to the upper end of the segment (NHD RC 12100201001482) in Kerr County.

USE

Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |

USE

Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 24 | 0.40 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_08 From the confluence with Honey Creek (NHD RC 12100201000012) up to the confluence with Joshua Creek (NHD RC 12100201000036).

USE Aquatic Life Use

| Method | 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 | | 0 | | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 29 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 3,676.09 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 0.80 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 297.68 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 991.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 20.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 305.18 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 53.34 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,382.42 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 360.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 117.03 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 5.93 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 3 | 0.48 | | | 184.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 3 | 1.79 | | | 277.77 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | 1.34 | | | 308.88 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 1.75 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 3 | 0.51 | | | 190.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 3 | 0.42 | | | 21.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 3 | 0.31 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_08 From the confluence with Honey Creek (NHD RC 12100201000012) up to the confluence with Joshua Creek (NHD RC 12100201000036).

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 | 28 | | 2 | 2630 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 28 | 130.12 | | | 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 | 29 | | 0 | | 32.20 | 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 | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 338 | 316.88 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 303 | 18.86 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 303 | 20.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 1.95 | 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 | Ammonia | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.69 | 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 |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | 1.34 | | | 100.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806_08 From the confluence with Honey Creek (NHD RC 12100201000012) up to the confluence with Joshua Creek (NHD RC 12100201000036).

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|--------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 2 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 28 | 0.42 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2001 | 11/30/2008 | 3 | 0.31 | | | 50.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2001 | 11/30/2008 | 3 | 0.51 | | | 50.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 4.98 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? No

SEGID 1806A Camp Meeting Creek (unclassified water body)

AUID 1806A_02 Lower 9 miles

USE Aquatic Life Use

| Method | 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 | | 3 | 2.74 | 3.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 73 | | 0 | | 2.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 19 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 19 | | 2 | 1.6 | 2.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Habitat | Habitat | 12/1/2001 | 11/30/2008 | 4 | 23.00 | 0 | | 9.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Macrobenthic Community | Macrobenthic Community | 12/1/2001 | 11/30/2008 | 4 | 35.00 | 0 | | 12.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Fish Community | Fish Community | 12/1/2001 | 11/30/2008 | 4 | 48.00 | 0 | | 12.00 | 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 | 67 | | 8 | 643.44 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | | 1 | 7860 | 400.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 67 | 73.53 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | 130.53 | | | 200.00 | SM | NC | <input type="checkbox"/> | NC | | |

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 35 | | 1 | 0.71 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 33 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 37 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806A_03 Upper 9 miles

USE Aquatic Life Use

| Method | 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 | 11 | | 3 | 1.6 | 3.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 11 | | 2 | 1.01 | 2.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 12 | | 3 | 2.2 | 3.00 | AD | NS | <input type="checkbox"/> | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 12 | | 2 | 0.73 | 2.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Habitat | Habitat | 12/1/2001 | 11/30/2008 | 4 | 23.00 | 0 | | 9.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Macroinvertebrate Community | Macroinvertebrate Community | 12/1/2001 | 11/30/2008 | 4 | 37.00 | 0 | | 12.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Fish Community | Fish Community | 12/1/2001 | 11/30/2008 | 4 | 46.00 | 0 | | 12.00 | 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 | 12 | | 0 | | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 400.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | 37.12 | | | 200.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 12 | 27.92 | | | 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 | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 14 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 9 | | 0 | | 0.69 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 11 | | 1 | 1.07 | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1806D Quinlan Creek (unclassified water body)

AUID 1806D_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 | 32 | | 3 | 1.17 | 3.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 32 | | 3 | 1.17 | 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 | | 16 | 3549.81 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 32 | 390.53 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1806E Town Creek (unclassified water body)

AUID 1806E_01

From the confluence with segment 1806 of the Guadalupe River in Kerrville, Kerr County Texas up to the upper end of the segment (NHD RC 12100201000572)

USE Aquatic Life Use

| Method | 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 | | 1 | 4.9 | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 19 | | 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 | 18 | | 10 | 1882.5 | 394.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 5a |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 18 | 415.89 | | | 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 | Orthophosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.37 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 14.10 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.69 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1.95 | ID | NA | <input type="checkbox"/> | NA | | |
| 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 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1806G Verde Creek (unclassified water body)

AUID 1806G_01

From the confluence (NHD RC12100201001482) with segment 1806 of the Guadalupe River up to the upper end of the segment (NHD RC 12100201000169)

USE Aquatic Life Use

| Method | 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 | 6 | | 0 | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 6 | | 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 | E. coli | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 394.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 7 | 97.47 | | | 126.00 | LD | NC | <input type="checkbox"/> | NC | | |

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 0.69 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 14.10 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 1.95 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **Yes**

SEGID 1806H Big Joshua Creek (unclassified water body)

AUID

1806H_01

Entire segment.

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 9 | | 0 | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 9 | | 0 | | 3.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 3.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 198.03 | 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 | 3 | | 0 | | 223.22 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 20.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 2,757.85 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 38.73 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 1,046.67 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 79.78 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 991.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 360.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 3 | 0.40 | | | 17.67 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 3 | 0.35 | | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 3 | 0.62 | | | 149.84 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 4.33 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 1.44 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1806H_01 Entire segment.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|-----------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 3 | 0.44 | | | 190.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 3 | 1.80 | | | 225.26 | ID | NA | <input type="checkbox"/> | NA | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | 1.06 | | | 252.17 | 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 | 7 | | 0 | | 394.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 7 | 43.18 | | | 126.00 | LD | NC | <input type="checkbox"/> | NC | | |

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 1.95 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.37 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 7 | | 0 | | 0.33 | LD | 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 | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 14.10 | 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 |
|------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 3 | 1.06 | | | 3,320.00 | ID | NA | <input type="checkbox"/> | NA | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 3 | 0.05 | | | 25.30 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1807 Coleta Creek

AUID 1807_01

From confluence with Guadalupe River to Coleta Ck. Reservoir Dam

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 110 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 110 | | 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 | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 400.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 108 | | 1 | 411 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 108 | 8.99 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | 39.70 | | | 200.00 | SM | NC | <input type="checkbox"/> | NC | | |

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| High pH | pH | 12/1/2001 | 11/30/2008 | 111 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 111 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 140 | 322.56 | | | 500.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 137 | 65.37 | | | 250.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 138 | 18.75 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1807_02 Remainder of segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 140 | 322.56 | | | 500.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 137 | 65.37 | | | 250.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 138 | 18.75 | | | 100.00 | AD | FS | <input type="checkbox"/> | FS | | |

Segment New in 2010? Yes

SEGID 1807A Perdido Creek (unclassified water body)

AUID 1807A_01 Entire segment.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 3.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 10 | | 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 | 10 | | 1 | 1200 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 10 | 16.40 | | | 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 | 12 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 10 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 12 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 12 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1808 Lower San Marcos River

AUID

1808_01

Lower 18 miles from confluence with Guadalupe R to confluence Mile 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 | 28 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 28 | | 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 | 28 | | 2 | 1319.5 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 28 | 86.24 | | | 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 | 28 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 146 | 362.83 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 144 | 27.79 | | | 60.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 144 | 31.93 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1808_01 Lower 18 miles from confluence with Guadalupe R to confluence Mile Creek

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 28 | 0.83 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1808_02

From confluence with Mile Creek to confluence with Plum Creek

USE

General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 146 | 362.83 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 144 | 27.79 | | | 60.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 144 | 31.93 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

USE

Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1808_02 From confluence with Mile Creek to confluence with Plum Creek

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1808_03

From confluence with Plum Creek to Guadalupe CR 239/247

USE

Aquatic Life Use

| Method | 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 | 84 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 84 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 1,089.34 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Silver (ionic) | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 0.80 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 232.65 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 2,874.07 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 40.55 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 84.29 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Aluminum | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 991.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 210.72 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | 0.54 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 1.87 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | 1.61 | | | 331.93 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | 0.51 | | | 23.53 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 6.64 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | 1.82 | | | 299.20 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | 0.34 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 4 | 0.58 | | | 199.12 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1808_03 From confluence with Plum Creek to Guadalupe CR 239/247

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 | 81 | | 6 | 2364.5 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 81 | 80.29 | | | 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 | 84 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 84 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 84 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 146 | 362.83 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 144 | 27.79 | | | 60.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 144 | 31.93 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 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 |
|---------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Cadmium | 12/1/2001 | 11/30/2008 | 4 | 0.05 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 4 | 1.74 | | | 100.00 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 4 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1808_03

From confluence with Plum Creek to Guadalupe CR 239/247

USE

Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |

USE

Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 80 | 0.94 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Selenium | 12/1/2001 | 11/30/2008 | 4 | 0.34 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Cadmium | 12/1/2001 | 11/30/2008 | 4 | 0.05 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Arsenic | 12/1/2001 | 11/30/2008 | 4 | 0.55 | | | 50.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Surface Water HH criteria for PWS average | Lead | 12/1/2001 | 11/30/2008 | 4 | 0.05 | | | 4.98 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1808_04 From Guadalupe CR 239/247 to upper end of segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 144 | 27.79 | | | 60.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 144 | 31.93 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 146 | 362.83 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Dieldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.06 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Toxaphene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.83 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Zinc | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 525.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Selenium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.38 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | PCBs | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.13 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Nickel | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 35.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mirex | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Mercury | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.53 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Lead | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.60 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.61 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Heptachlor | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.20 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Copper | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 250.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Chromium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5.25 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Cadmium | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.23 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Arsenic | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.04 | ID | NA | <input type="checkbox"/> | NA | | |
| Bioaccumulative Toxics in fish tissue | Aldrin | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.14 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1808_04 From Guadalupe CR 239/247 to upper end of segment

USE Fish Consumption Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|--------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bioaccumulative Toxics in fish tissue | Heptachlor epoxide | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.25 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? No

SEGID 1809 Lower Blanco River

AUID 1809_01

Lower 7 miles of segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 21 | | 1 | 4.5 | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 21 | | 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 | 19 | | 2 | 1030.5 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 19 | 42.44 | | | 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 | 21 | | 0 | | 33.30 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 21 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 21 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 22 | 274.92 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 22 | 17.77 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 22 | 29.95 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 21 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 22 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 22 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 22 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 22 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1809_01 Lower 7 miles of segment

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2001 | 11/30/2008 | 22 | 0.16 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 22 | 0.37 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1809_02

Upper 8 miles of segment

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------------------|----------------------------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| 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 | Pyrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,520.00 | 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 | Di-n-butyl phthalate | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 43.00 | 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 | Phenanthrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,170.00 | 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 | Hexachloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13,770.00 | 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 | Fluoranthene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 2,230.00 | 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 | Chrysene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,290.00 | 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 | 1,4-Dichlorobenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4,650.00 | 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 | Benz(a)anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,050.00 | 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 | Acenaphthene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 89.00 | 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 | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1809_02 Upper 8 miles of segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 22 | 274.92 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 22 | 17.77 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 22 | 29.95 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1810 Plum Creek

AUID 1810_01

Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum 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 | 85 | | 7 | 4.03 | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 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 | 81 | | 13 | 3287.31 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 81 | 199.23 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4b |

USE General Use

| 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 | 86 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 184 | 639.79 | | | 1,120.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 170 | 109.30 | | | 350.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 170 | 80.37 | | | 150.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 82 | | 25 | 3.07 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 45 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 9 | 1.07 | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 82 | | 2 | 15.95 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1810_02 From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21

USE Aquatic Life Use

| Method | 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 | 27 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 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 | 21 | | 2 | 492.6 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 3 | | 1 | 467 | 400.00 | SM | NA | <input type="checkbox"/> | NA | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 21 | 141.03 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4b |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 3 | 188.01 | | | 200.00 | SM | 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 |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 184 | 639.79 | | | 1,120.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 170 | 109.30 | | | 350.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 170 | 80.37 | | | 150.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 27 | | 13 | 1.02 | 0.69 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 27 | | 24 | 8.89 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1810_02 From approx. 2.5 mi. upstream of confluence with Clear Fork Plum Ck to approx. 0.5 mi upstream of SH21

USE General Use

| 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 | | 19 | 0.81 | 0.37 | AD | CS | <input type="checkbox"/> | CS | orthophosphorus | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1810_03 From approx. 0.5 mi. upstream of SH 21 to upper end of segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|-------------------------------------|---------|----------------------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 85 | | 9 | 3.56 | 5.00 | AD | NC | <input checked="" type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 85 | | 2 | 2.5 | 3.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 5.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 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 | 81 | | 19 | 1274.26 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 81 | 235.12 | | | 126.00 | AD | NS | <input type="checkbox"/> | NS | bacteria | 4b |

USE General Use

| 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 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 184 | 639.79 | | | 1,120.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 170 | 109.30 | | | 350.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 170 | 80.37 | | | 150.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 83 | | 2 | 22.15 | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 43 | 2.48 | 0.69 | AD | CS | <input type="checkbox"/> | CS | total phosphorus | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 46 | | 6 | 6.55 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 82 | | 50 | 9.5 | 1.95 | AD | CS | <input type="checkbox"/> | CS | nitrate | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1811 Comal River

AUID 1811_01

From the confluence with segment 1804 of the Guadalupe River up to just upstream of the confluence with Dry Comal Creek in New Braunfels, Comal County, Texas.

USE Aquatic Life Use

| Method | 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 | 98 | | 0 | | 5.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 98 | | 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 | 80 | | 6 | 760.67 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 80 | 69.11 | | | 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 | 101 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 101 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 101 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 83 | 375.32 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 83 | 17.24 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 83 | 25.39 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 100 | | 12 | 2.02 | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 100 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 100 | | 0 | | 0.69 | 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 | 59 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1811_01

From the confluence with segment 1804 of the Guadalupe River up to just upstream of the confluence with Dry Comal Creek in New Braunfels, Comal County, Texas.

USE

Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 97 | 1.47 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1811_02

From the confluence with Dry Comal Creek up to Klingemann Street in New Braunfels, Comal County, Texas.

USE

Aquatic Life Use

| 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 | Hexachloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13,770.00 | 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 | Nitrobenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 161.06 | 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 | Benz(a)anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,050.00 | 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 | Pyrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,520.00 | 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 | Naphthalene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 561.00 | ID | NA | <input type="checkbox"/> | NA | | |
| 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 | Hexachlorobutadiene (HCBT) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 550.00 | 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 | Dibenz(a,h)anthracene | 12/1/2001 | 11/30/2008 | 1 | | 1 | 403 | 140.00 | 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 | | |
| 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 | Anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 845.00 | 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 | Acenaphthene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 89.00 | 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 | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1811_02

From the confluence with Dry Comal Creek up to Klingemann Street in New Braunfels, Comal County, Texas.

USE

General Use

| Method | 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 | 83 | 375.32 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 83 | 17.24 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 83 | 25.39 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? No

SEGID 1811A Dry Comal Creek (unclassified water body)

AUID 1811A_01

Lower 25 miles of 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 | 85 | | 0 | | 3.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 2.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Acute Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 360.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 126.90 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 1,466.15 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 57.08 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 334.38 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 3,906.29 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 20.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Acute Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 316.35 | LD | NC | <input type="checkbox"/> | NC | | |
| 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 | Aluminum | 12/1/2001 | 11/30/2008 | 4 | | 0 | | 991.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.06 | | | 4.33 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Zinc | 12/1/2001 | 11/30/2008 | 4 | 1.28 | | | 149.84 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Nickel | 12/1/2001 | 11/30/2008 | 5 | 2.79 | | | 225.26 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Selenium | 12/1/2001 | 11/30/2008 | 5 | 0.38 | | | 5.00 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | 2.11 | | | 252.17 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Cadmium | 12/1/2001 | 11/30/2008 | 5 | 0.05 | | | 1.44 | LD | NC | <input type="checkbox"/> | NC | | |
| Chronic Toxic Substances in water | Arsenic | 12/1/2001 | 11/30/2008 | 5 | 1.44 | | | 190.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1811A_01 Lower 25 miles of 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 |
|-----------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Chronic Toxic Substances in water | Copper | 12/1/2001 | 11/30/2008 | 5 | 0.72 | | | 17.67 | 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 | E. coli | 12/1/2001 | 11/30/2008 | 84 | | 18 | 1988.72 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 84 | 173.90 | | | 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 | 83 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 82 | | 9 | 41.78 | 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 |
|------------------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| HH Bioaccumulative Toxics in water | Lead | 12/1/2001 | 11/30/2008 | 5 | 0.06 | | | 25.30 | LD | NC | <input type="checkbox"/> | NC | | |
| HH Bioaccumulative Toxics in water | Chromium | 12/1/2001 | 11/30/2008 | 5 | 2.11 | | | 3,320.00 | LD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1812 Guadalupe River Below Canyon Dam

AUID 1812_01

From a point immediately upstream of the confluence of the Comal River in Comal County to immediately upstream of the confluence with Elm Creek, Comal County, Texas.

USE Aquatic Life Use

| Method | 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 | 75 | | 4 | 5.68 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 75 | | 0 | | 4.00 | 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 | 36 | | 1 | 770 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | | 0 | | 400.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 36 | 41.83 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | 63.85 | | | 200.00 | SM | NC | <input type="checkbox"/> | NC | | |

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 77 | | 0 | | 32.20 | 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 | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 151 | 275.99 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 147 | 13.36 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 147 | 19.61 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 69 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 69 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 66 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 71 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1812_01

From a point immediately upstream of the confluence of the Comal River in Comal County to immediately upstream of the confluence with Elm Creek, Comal County, Texas.

USE General Use

| 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 | 69 | | 0 | | 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 | 37 | 0.15 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 71 | 0.41 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1812_02

From immediately upstream of Elm Creek up to the confluence with Bear Creek, Comal County, Texas.

USE

Aquatic Life Use

| Method | 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 | 81 | | 0 | | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 81 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| 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 | Hexachloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13,770.00 | 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 | 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 | Benz(a)anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,050.00 | 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 | Nitrobenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 161.06 | 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 | 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 | 1,4-Dichlorobenzene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4,650.00 | 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 | Acenaphthylene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 130.00 | 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 | Benzo(a)pyrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,450.00 | 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 | | |
| 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 | Fluoranthene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 2,230.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1812_02 From immediately upstream of Elm Creek up to the confluence with Bear Creek, Comal County, Texas.

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 | 81 | | 2 | 685 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 81 | 53.24 | | | 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 | 82 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 147 | 19.61 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 147 | 13.36 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 151 | 275.99 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 14.10 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 82 | 0.24 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1812_03 From immediately upstream of the confluence with Bear Creek in Comal County, Texas up to Canyon Dam.

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 4.00 | 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 | | 1 | 410 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 5 | | 0 | | 400.00 | SM | NC | <input type="checkbox"/> | NC | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 24 | 52.00 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 5 | 38.89 | | | 200.00 | SM | NC | <input type="checkbox"/> | NC | | |

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 32.20 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 27 | | 1 | 9.4 | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 151 | 275.99 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 147 | 13.36 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 147 | 19.61 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 27 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| 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 | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1812_03 From immediately upstream of the confluence with Bear Creek in Comal County, Texas up to Canyon Dam.

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Fluoride | 12/1/2001 | 11/30/2008 | 27 | 0.16 | | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 27 | 0.28 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1813 Upper Blanco River

AUID 1813_01

From a point 0.3 KM (0.2 miles) upstream of Limekiln Road in Hays County up to the confluence with Spoke Pile 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 | 55 | | 2 | 4.8 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 55 | | 0 | | 4.00 | 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 | Fecal coliform | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 400.00 | SM | NA | <input type="checkbox"/> | NA | | |
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 56 | | 4 | 1956 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 56 | 39.43 | | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 3 | 39.79 | | | 200.00 | SM | 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 |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 55 | | 0 | | 33.30 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 54 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 54 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 248 | 303.42 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 88 | 11.70 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 93 | 28.56 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 50 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 3 | | 0 | | 14.10 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.37 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 55 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1813_01

From a point 0.3 KM (0.2 miles) upstream of Limekiln Road in Hays County up to the confluence with Spoke Pile Creek.

USE

General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 51 | | 0 | | 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 | 3 | 0.22 | | | 4.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 55 | 0.24 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1813_02

From the confluence with Spoke Pile Creek up to the confluence with Cypress Creek, in Wimberley, Hays County, Texas.

USE **Aquatic Life Use**

| Method | 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 | 48 | | 3 | 5.36 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 48 | | 0 | | 4.00 | 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 | 48 | | 6 | 1236.85 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 48 | 76.90 | | | 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 |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 48 | | 0 | | 33.30 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 48 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 48 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 248 | 303.42 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 88 | 11.70 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 93 | 28.56 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 3 | | 1 | 29.1 | 14.10 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 8 | | 0 | | 0.37 | LD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 54 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 49 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 50 | | 0 | | 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 | 3 | 0.22 | | | 4.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1813_02

From the confluence with Spoke Pile Creek up to the confluence with Cypress Creek, in Wimberley, Hays County, Texas.

USE

Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 44 | 0.26 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1813_03

From the confluence with Rogers Branch up to the confluence with Hinds Branch in Blanco, County, Texas.

USE **Aquatic Life Use**

| Method | 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 | 84 | | 0 | | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 84 | | 0 | | 4.00 | 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 | 83 | | 3 | 836.67 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 83 | 25.79 | | | 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 | 122 | | 0 | | 33.30 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 85 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 88 | 11.70 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 93 | 28.56 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 248 | 303.42 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 42 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 82 | | 0 | | 14.10 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 83 | | 0 | | 1.95 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 83 | 0.31 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1813_04 From the confluence with Hinds Branch in Blanco County, Texas up to the confluence with Meier Creek in Kendall County, Texas.

USE Aquatic Life Use

| Method | 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 | 1 | | 1 | 5.8 | 6.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 1 | | 1 | 5.2 | 6.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 4.00 | 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 |
|---------------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Water Temperature | Temperature | 12/1/2001 | 11/30/2008 | 31 | | 0 | | 33.30 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 9.00 | ID | NA | <input type="checkbox"/> | NA | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 6.50 | ID | NA | <input type="checkbox"/> | NA | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 248 | 303.42 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 88 | 11.70 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 93 | 28.56 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1.95 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.37 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.33 | ID | NA | <input type="checkbox"/> | NA | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 0.69 | ID | NA | <input type="checkbox"/> | NA | | |

USE Public Water Supply Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---|-----------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Surface Water HH criteria for PWS average | Nitrate | 12/1/2001 | 11/30/2008 | 1 | 0.53 | | | 10,000.00 | ID | NA | <input type="checkbox"/> | NA | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1813_05 From the confluence with Cypress Creek in Wimberley, Hays County, Texas up to the confluence with Rogers Branch in Blanco County, Texas.

USE Aquatic Life Use

| Method | 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 | | | | | | ID | NA | <input checked="" type="checkbox"/> | CS | depressed dissolved oxygen | |

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 248 | 303.42 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 88 | 11.70 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 93 | 28.56 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1814 Upper San Marcos River

AUID 1814_01

Lower 1.5 miles of segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----------|--------------------------|-----------|------------------------|-----|
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 26.16 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 28 | 406.09 | | | 400.00 | AD | NS | <input type="checkbox"/> | NS | total dissolved solids | 5c |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 28 | 18.84 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

AUID 1814_02

From sub-segment 01 to IH 35 east frontage 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 |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----------|--------------------------|-----------|------------------------|-----|
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 26.16 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 28 | 406.09 | | | 400.00 | AD | NS | <input type="checkbox"/> | NS | total dissolved solids | 5c |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 28 | 18.84 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID

1814_03

From IH 35 east frontage road to Spring Lake Dam

USE

Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|----------------------------|-----------------|---------------|--------|-----------|----------|-------------|-----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Toxic Substances in sediment | Dibenz(a,h)anthracene | 12/1/2001 | 11/30/2008 | 1 | | 1 | 882 | 140.00 | 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 | Benz(a)anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,050.00 | 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 | Pyrene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 1,520.00 | 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 | Naphthalene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 561.00 | 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 | Hexachloroethane | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 13,770.00 | 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 | Fluoranthene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 2,230.00 | 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 | | |
| 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 | Anthracene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 845.00 | 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 | Acenaphthene | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 89.00 | ID | NA | <input type="checkbox"/> | NA | | |
| 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 | Hexachlorobenzene (HCB) | 12/1/2001 | 11/30/2008 | 1 | | 0 | | 240.00 | 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 | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1814_03 From IH 35 east frontage road to Spring Lake Dam

USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 28 | 39.22 | | | 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 | 28 | | 0 | | 26.70 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 28 | 18.84 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 26.16 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 28 | 406.09 | | | 400.00 | AD | NS | <input type="checkbox"/> | NS | total dissolved solids | 5c |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 27 | | 1 | 0.51 | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 28 | | 0 | | 14.10 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 28 | 1.02 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1814_04 Remainder of segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 28 | 406.09 | | | 400.00 | AD | NS | <input type="checkbox"/> | NS | total dissolved solids | 5c |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 28 | 18.84 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 26.16 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1815 Cypress Creek

AUID 1815_01

Lower 7 miles of segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|---------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|----------------------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 216 | | 66 | 4.99 | 6.00 | SM | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 216 | | 10 | 3.6 | 4.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/1/2001 | 11/30/2008 | 13 | | 0 | | 6.00 | JQ | FS | <input type="checkbox"/> | FS | | |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/1/2001 | 11/30/2008 | 13 | | 0 | | 4.00 | 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 | 215 | | 27 | 802 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Single Sample | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | | 4 | 692 | 400.00 | SM | NS | <input type="checkbox"/> | NS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 215 | 64.00 | 0 | | 126.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | Fecal coliform | 12/1/2001 | 11/30/2008 | 6 | 375.00 | 1 | | 200.00 | SM | CN | <input type="checkbox"/> | CN | | |

USE General Use

| 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 | 218 | | 0 | | 30.00 | AD | NC | <input type="checkbox"/> | NC | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 214 | | 0 | | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 214 | | 1 | 6.4 | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 205 | 354.83 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 15.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 18.89 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Orthophosphorus | 12/1/2001 | 11/30/2008 | 20 | | 0 | | 0.37 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Ammonia | 12/1/2001 | 11/30/2008 | 195 | | 0 | | 0.33 | AD | NC | <input type="checkbox"/> | NC | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1815_01 Lower 7 miles of segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------|------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 211 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 198 | | 0 | | 0.69 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 204 | | 0 | | 10.00 | AD | FS | <input type="checkbox"/> | FS | | |

AUID 1815_02 Upper 7 miles of segment

USE General Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 205 | 354.83 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 15.03 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 28 | 18.89 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1816 Johnson Creek

AUID 1816_01

Entire segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 40 | | 1 | 5.8 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 40 | | 0 | | 4.00 | 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 | 127 | | 1 | 400 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 127 | 43.78 | | | 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 | 40 | | 0 | | 30.00 | AD | FS | <input type="checkbox"/> | FS | | |
| High pH | pH | 12/1/2001 | 11/30/2008 | 40 | | 1 | 9.4 | 9.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Low pH | pH | 12/1/2001 | 11/30/2008 | 40 | | 0 | | 6.50 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 27 | 13.77 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 25 | 309.17 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 22.99 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 14.10 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 24 | 0.63 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? **No**

SEGID 1817 North Fork Guadalupe River

AUID 1817_01

Entire segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|----------------------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 26 | | 4 | 5.38 | 6.00 | AD | CS | <input type="checkbox"/> | CS | depressed dissolved oxygen | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 4.00 | 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 | 288 | | 7 | 1728.38 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 288 | 38.91 | | | 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 | 26 | | 0 | | 30.00 | 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 | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 26 | 267.25 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 9.22 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 27 | 7.12 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 14.10 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 24 | 0.43 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

Segment New
in 2010? No

SEGID 1818 South Fork Guadalupe River

AUID 1818_01

Lower 1.5 miles of segment

USE Aquatic Life Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|---------------------------------------|-----------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 25 | | 1 | 5.3 | 6.00 | AD | NC | <input type="checkbox"/> | NC | | |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 4.00 | 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 | 25 | | 0 | | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 25 | 15.14 | | | 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 | 25 | | 0 | | 30.00 | 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 | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 27 | 8.58 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 25 | 276.30 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 9.27 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Nutrient Screening Levels | Nitrate | 12/1/2001 | 11/30/2008 | 24 | | 0 | | 1.95 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/1/2001 | 11/30/2008 | 26 | | 0 | | 0.69 | AD | NC | <input type="checkbox"/> | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/1/2001 | 11/30/2008 | 25 | | 0 | | 14.10 | 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 | Nitrate | 12/1/2001 | 11/30/2008 | 24 | 0.24 | | | 10,000.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1818_02 From lower 1.5 mi to approx 0.5 mile upstream of Lange Ravine

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 | 87 | | 1 | 1337 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 87 | 31.63 | | | 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 |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 25 | 276.30 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 9.27 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 27 | 8.58 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

AUID 1818_03 From 0.5 mi upstream Lange Ravine to low water dam just below Camp Mystic

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 | 88 | | 1 | 2400 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 88 | 15.96 | | | 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 |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 27 | 8.58 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 25 | 276.30 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 9.27 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

2010 Texas Water Quality Inventory: Assessment Results for Basin 18 - Guadalupe River

AUID 1818_04 From low water dam below Camp Mystic to confluence with Cherry Creek

USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 88 | | 0 | | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 88 | 10.76 | | | 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 |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 25 | 276.30 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 9.27 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 27 | 8.58 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |

AUID 1818_05 Upper 18.5 miles of segment

USE Recreation Use

| Method | Parameter | ASMT Start Date | ASMT End Date | # Assd | Mean assd | # exceed | Mean exceed | Criteria | DS Qual | LOS | CF | Int LOS | TCEQ Cause | Cat |
|------------------------|-----------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Bacteria Single Sample | E. coli | 12/1/2001 | 11/30/2008 | 88 | | 1 | 411 | 394.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Bacteria Geomean | E. coli | 12/1/2001 | 11/30/2008 | 88 | 22.46 | | | 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 |
|------------------|------------------------|-----------------|---------------|--------|-----------|----------|-------------|----------|---------|-----|--------------------------|---------|------------|-----|
| Dissolved Solids | Sulfate | 12/1/2001 | 11/30/2008 | 27 | 8.58 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Total Dissolved Solids | 12/1/2001 | 11/30/2008 | 25 | 276.30 | | | 400.00 | AD | FS | <input type="checkbox"/> | FS | | |
| Dissolved Solids | Chloride | 12/1/2001 | 11/30/2008 | 27 | 9.27 | | | 50.00 | AD | FS | <input type="checkbox"/> | FS | | |