

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

NS - Non-Supporting; CN - Concern for Near Non-attainment; CS - Concern for Screening Level;  
 SEGID - Segment ID; AU ID - Assessment Unit ID; PS - Point Source; NPS - Nonpoint Source; UNK - Source Unknown

**SEGID: 0101 Canadian River Below Lake Meredith**

From the Oklahoma State Line in Hemphill County to Sanford Dam in Hutchinson County

**AUID: 0101\_03** *From the confluence with White Deer Creek upstream to the confluence with Dixon Creek east of Borger*

**Nutrient Screening Levels**

**CS** Ammonia NPS - Industrial/Commercial Site Stormwater Discharge (Permitted); NPS - Petroleum/natural Gas Activities; NPS - Upstream Source

**AUID: 0101\_04** *From the confluence with Dixon Creek upstream to Sanford Dam in Hutchinson County*

**Nutrient Screening Levels**

**CS** Ammonia NPS - Petroleum/natural Gas Activities; NPS - Petroleum/natural Gas Production Activities (Permitted); NPS - UIC Wells (Underground Injection Control Wells)

**CS** Chlorophyll-a NPS - Petroleum/natural Gas Activities; NPS - Petroleum/natural Gas Production Activities (Permitted); NPS - UIC Wells (Underground Injection Control Wells)

**SEGID: 0101A Dixon Creek (unclassified water body)**

From confluence of the Canadian River upstream to the confluence of the East, Middle, and West Forks of Dixon Creek

**AUID: 0101A\_01** *From the confluence with the Canadian River upstream to the confluence with the permitted outfall receiving waters tributary*

**Bacteria Geomean**

**NS** E. coli NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; PS - Industrial Point Source Discharge

**Bacteria Single Sample**

**NS** E. coli NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

**Chronic Toxic Substances in water**

**NS** Selenium NPS - Petroleum/natural Gas Production Activities (Permitted); PS - Industrial Point Source Discharge

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source

**Nutrient Screening Levels**

**CS** Nitrate NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; PS - Industrial Point Source Discharge

**AUID: 0101A\_02** *From the confluence with the permitted outfall receiving waters tributary upstream to the confluence of the East, Middle, and West Forks of Dixon Creek*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

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<b>SEGID:</b> 0101B	<b>Rock Creek (unclassified water body)</b>
Perennial stream from the confluence with the Canadian River upstream to the headwaters in Carson County	

**AUID:** 0101B\_01 *Appendix D, Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger*

**Bacteria Single Sample**

**NS** E. coli NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Industrial/Commercial Site Stormwater Discharge (Permitted); NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities; NPS - Urban Runoff/Storm Sewers

**CS** Nitrate NPS - Petroleum/natural Gas Activities; NPS - UIC Wells (Underground Injection Control Wells)

**CS** Orthophosphorus NPS - Industrial/Commercial Site Stormwater Discharge (Permitted); NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities; NPS - Urban Runoff/Storm Sewers

<b>SEGID:</b> 0102	<b>Lake Meredith</b>
From Sanford Dam in Hutchinson County to a point immediately upstream of the confluence of Camp Creek in Potter County, up to normal pool level of 2936.5 feet (impounds Canadian River)	

**AUID:** 0102\_01 *Reservoir downstream of a line from red starboard marker 14 at Blue West Campground to green port marker 11 north of Fritch Canyon*

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

**NS** Sulfate NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

**NS** Total Dissolved Solids NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

**AUID:** 0102\_02 *Reservoir upstream of a line from red starboard marker 14 at Blue West Campground to green port marker 11 north of Fritch Canyon*

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

**NS** Total Dissolved Solids NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

**NS** Sulfate NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

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**SEGID: 0103 Canadian River Above Lake Meredith**  
 From a point immediately upstream of the confluence of Camp Creek in Potter County to the New Mexico State Line in Oldham County

**AUID: 0103\_01 From the headwaters of Lake Meredith upstream to the confluence with Sand Creek**

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

**AUID: 0103\_02 From the confluence with Sand Creek upstream to the confluence with Punta de Agua Creek**

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

**AUID: 0103\_03 From the confluence with Punta de Agua Creek upstream to the New Mexico State Line**

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

**SEGID: 0103A East Amarillo Creek (unclassified water body)**  
 From the confluence of the Canadian River to the headwaters of Thompson Park Lake in Amarillo

**AUID: 0103A\_01 From the confluence with the Canadian River upstream to the Thompson Park Lake spillway**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 0103A\_02 From the Thompson Park Lake spillway upstream to the headwaters of the lake**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers

**SEGID: 0103C Unnamed Tributary to West Amarillo Creek (unclassified water body)**  
 From the confluence with West Amarillo Creek upstream to the headwaters near Amarillo Blvd. in west Amarillo

**AUID: 0103C\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

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**SEGID: 0104      Wolf Creek**  
 From the Oklahoma State Line in Lipscomb County to a point 2.0 kilometers (1.2 miles) upstream of FM 3045 in Ochiltree County

**AUID: 0104\_02      From the confluence with Plum Creek upstream to Lake Fryer Dam**

**Bacteria Geomean**

**NS**      E. coli      NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl

**AUID: 0104\_03      From the Lake Fryer Dam to a point 2.0 km (1.2 mi.) upstream of FM 3045 in Ochiltree County**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Upstream Source; UNK - Source Unknown

**SEGID: 0105      Rita Blanca Lake**  
 From Rita Blanca Dam in Hartley County up to normal pool level of 3860 feet (impounds Rita Blanca Creek)

**AUID: 0105\_01      Entire water body**

**High pH**

**NS**      pH      NPS - Natural Sources; NPS - Waterfowl

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Natural Sources; NPS - Waterfowl

**CS**      Chlorophyll-a      NPS - Natural Sources; NPS - Waterfowl

**CS**      Nitrate      NPS - Natural Sources; NPS - Waterfowl; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Natural Sources; NPS - Waterfowl

**CS**      Total Phosphorus      NPS - Natural Sources; NPS - Waterfowl

**SEGID: 0199A      Palo Duro Reservoir (unclassified water body)**  
 From Palo Duro dam up to normal pool elevation of 2,892 feet north of Spearman in Hansford County (impounds Palo Duro Creek)

**AUID: 0199A\_01      Entire water body**

**Nutrient Screening Levels**

**CS**      Total Phosphorus      NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production

**CS**      Orthophosphorus      NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production

**CS**      Ammonia      NPS - Animal Feeding Operations (NPS); NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Upstream Source

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**SEGID: 0201 Lower Red River**  
 From the Arkansas State Line in Bowie County to the Arkansas-Oklahoma State Line in Bowie County

**AUID: 0201\_01 From the Arkansas state line upstream to the confluence with Walnut Bayou (Oklahoma stream)**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source

**SEGID: 0201A Mud Creek (unclassified water body)**  
 From the confluence of the Red River to the upstream perennial portion of the stream northwest of De Kalb in Bowie County

**AUID: 0201A\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Irrigated Crop Production; NPS - Natural Sources; NPS - Wildlife Other than Waterfowl

**Bacteria Single Sample**

**NS** E. coli NPS - Irrigated Crop Production; NPS - Natural Sources; NPS - Wildlife Other than Waterfowl

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Irrigated Crop Production; NPS - Natural Sources; NPS - Wildlife Other than Waterfowl

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Irrigated Crop Production; NPS - Natural Sources; NPS - Wildlife Other than Waterfowl

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Irrigated Crop Production; NPS - Natural Sources; NPS - Wildlife Other than Waterfowl

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**SEGID:** 0202

**Red River Below Lake Texoma**

From the Arkansas-Oklahoma State Line in Bowie County to Denison Dam in Grayson County

**AUID:** 0202\_01 *From the Oklahoma/Arkansas state line upstream to the confluence with Pecan Bayou*

Nutrient Screening Levels

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Upstream Source

**AUID:** 0202\_02 *From the confluence with Pecan Bayou upstream to the confluence with Pine Creek*

Nutrient Screening Levels

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Upstream Source

**AUID:** 0202\_03 *From the confluence with Pine Creek upstream to the confluence with Bois d'Arc Creek*

Nutrient Screening Levels

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Upstream Source

**AUID:** 0202\_04 *From the confluence with Bois d'Arc upstream to the confluence with Choctaw Creek*

Nutrient Screening Levels

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Upstream Source

**SEGID:** 0202A

**Bois D' Arc Creek (unclassified water body)**

From the confluence of the Red River upstream to the headwaters northwest of Whitewright in Grayson County

**AUID:** 0202A\_01 *From the confluence with the Red River upstream to the confluence with Sandy Creek*

Bacteria Geomean

**NS** E. coli NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

**AUID:** 0202A\_02 *Appendix D, Perennial stream from the confluence with Sandy Creek upstream to the confluence with Pace Creek*

Bacteria Geomean

**NS** E. coli NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

**SEGID:** 0202D

**Pine Creek (unclassified water body)**

From the confluence of the Red River upstream to the headwaters near the intersection of US 82 and FM 38, west of Paris

**AUID:** 0202D\_01 *Perennial and intermittent stream from the confluence with the Red River upstream to the dam forming Lake Crook*

Nutrient Screening Levels

**CS** Chlorophyll-a NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Industrial Point Source Discharge

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**SEGID: 0202F Choctaw Creek (unclassified water body)**  
 From the confluence with the Red River east of Denison to the upstream perennial portion near the intersection of SH 56 and SH 289 in Grayson County

**AUID: 0202F\_01** *From the confluence with the Red River upstream to the confluence with Post Oak Creek*

**Bacteria Geomean**

**NS** E. coli NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; NPS - Rangeland Grazing; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Rangeland Grazing; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Irrigated Crop Production; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-irrigated Crop Production; NPS - Urban Runoff/Storm Sewers

**AUID: 0202F\_02** *From the confluence with Post Oak Creek upstream to the headwaters near the intersection of SH 56 and SH 289 in Grayson County*

**Bacteria Geomean**

**NS** E. coli NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

**SEGID: 0202G Smith Creek (unclassified water body)**  
 From the confluence with Pine Creek north of Paris to the upstream portion of the stream in north Paris in Lamar County

**AUID: 0202G\_01** *Entire water body*

**Bacteria Geomean**

**NS** E. coli NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Industrial Point Source Discharge

**Bacteria Single Sample**

**NS** E. coli NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Industrial Point Source Discharge

**Nutrient Screening Levels**

**CS** Total Phosphorus NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Industrial Point Source Discharge

**CS** Ammonia NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Industrial Point Source Discharge

**CS** Orthophosphorus NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Industrial Point Source Discharge

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**SEGID: 0202I Little Pine Creek (unclassified water body)**

From the confluence with Big Pine Creek upstream to the headwaters north of Detroit, TX

**AUID: 0202I\_01 Entire water body**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Upstream Source

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Upstream Source

**SEGID: 0202K Iron Ore Creek (unclassified water body)**

From the confluence with Choctaw Creek upstream to the headwaters near FM 120 west of Denison

**AUID: 0202K\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rural (Residential Areas); NPS - Upstream Source; PS - Municipal Point Source Discharges

**SEGID: 0203 Lake Texoma**

From Denison Dam in Grayson County to a point immediately upstream of the confluence of Sycamore Creek in Cooke County, up to normal pool elevation of 617 feet (impounds Red River)

**AUID: 0203\_01 Lower lake from Denison Dam upstream to a line from Rock Point (TX) to Burns West Recreational Area (OK)**

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Residential Districts

**AUID: 0203\_03 Mid-lake area bounded upstream by a line from East Juniper Point to Cardinal Cove (OK) and downstream by a line from Treasure Island to Mill Creek picnic area**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source

**AUID: 0203\_04 Upper-lake area bounded downstream by a line from East Juniper Point to Cardinal Cove (OK) upstream to headwaters**

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source



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**SEGID: 0203A      Big Mineral Creek (unclassified water body)**  
 From the confluence of Lake Texoma to the headwaters of North/Middle/South Big Mineral Creeks east of Callisburg in Cooke County

**AUID: 0203A\_01**      *Appendix D, Intermittent stream with perennial pools from Lake Texoma normal pool elevation of 617 feet upstream to the confluence with an unnamed second order tributary on North Branch 2.4 km upstream of US 377 and upstream to the confluence with an unnamed second order tributary on South Branch 1.1 km upstream of US 377 north of the City of Whitesboro*

**Nutrient Screening Levels**

<b>CS</b>	Ammonia	NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<b>CS</b>	Orthophosphorus	NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**SEGID: 0204      Red River Above Lake Texoma**  
 From a point immediately upstream of the confluence of Sycamore Creek in Cooke County to the confluence of the Wichita River in Clay County

**AUID: 0204\_01**      *From the normal pool elevation of Lake Texoma upstream to the confluence with Fish Creek*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Upstream Source
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**SEGID: 0205      Red River Below Pease River**  
 From the confluence of the Wichita River in Clay County to the confluence of the Pease River in Wilbarger County

**AUID: 0205\_01**      *From the confluence with the Wichita River upstream to IH 44 in Burkburnett*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production
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**AUID: 0205\_02**      *From IH 44 in Burkburnett upstream to the confluence with the Pease River*

**Bacteria Geomean**

<b>CN</b>	E. coli	NPS - Upstream Source
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0206B**      **South Groesbeck Creek (unclassified water body)**  
 From the confluence of Groesbeck Creek NNW of Quanah in Hardeman County to the upstream portion 7.8 miles (12.6 Km) southwest of Childress

**AUID: 0206B\_01**      *Entire water body*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Grazing in Riparian or Shoreline Zones; NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Wildlife Other than Waterfowl

**Nutrient Screening Levels**

**CS**                  Chlorophyll-a                  NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source

**CS**                  Nitrate                  NPS - Grazing in Riparian or Shoreline Zones; NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**SEGID: 0207**      **Lower Prairie Dog Town Fork Red River**  
 From a point immediately upstream of the confluence of Buck Creek in Hardeman County to the confluence of a point 100 meters (110 yards) upstream of the confluence of Salt Fork Creek in Armstrong County

**AUID: 0207\_01**      *From immediately upstream of the confluence with Buck Creek upstream to the confluence with Grassy Creek in Childress County*

**Bacteria Single Sample**

**CN**                  Fecal coliform                  NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Upstream Source; NPS - Wildlife Other than Waterfowl

**AUID: 0207\_04**      *From the confluence with Battle Creek upstream to the confluence with Salt Fork in Armstrong County*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl

**Nutrient Screening Levels**

**CS**                  Chlorophyll-a                  NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**SEGID: 0207A**      **Buck Creek (unclassified water body)**  
 From Oklahoma State Line east of Childress in Childress County to the upstream perennial portion of the stream west of Wellington in Collinsworth County

**AUID: 0207A\_01**      *From Oklahoma state line to House Log Creek*

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl

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**SEGID: 0209      Pat Mayse Lake**  
 From Pat Mayse Dam in Lamar County up to normal pool elevation of 451 feet (impounds Sanders Creek)

**AUID: 0209\_01      Lower half of lake**

**Toxic Substances in sediment**

**CS**              Manganese              NPS - Natural Sources; NPS - Nps Pollution from Military Base Facilities (Other than Port Facilities)

**AUID: 0209\_02      Upper half of lake**

**Nutrient Screening Levels**

**CS**              Chlorophyll-a              NPS - Non-Point Source; NPS - Rural (Residential Areas)

**Toxic Substances in sediment**

**CS**              Manganese              NPS - Natural Sources; NPS - Nps Pollution from Military Base Facilities (Other than Port Facilities)

**SEGID: 0211      Little Wichita River**  
 From the confluence with the Red River in Clay County to Lake Arrowhead Dam in Clay County

**AUID: 0211\_01      From the confluence with the Red River upstream to the confluence with the East Fork Little Wichita River**

**Dissolved Solids**

**NS**              Sulfate              NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities

**NS**              Total Dissolved Solids              NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities

**AUID: 0211\_02      From the confluence with the East Fork Little Wichita River upstream to the Lake Arrowhead Dam**

**Dissolved Oxygen 24hr average**

**NS**              Dissolved Oxygen 24hr Avg              NPS - Dam or Impoundment; NPS - Impacts from Hydrostructure Flow Regulation/modification

**Dissolved Oxygen 24hr minimum**

**NS**              Dissolved Oxygen 24hr Min              NPS - Dam or Impoundment; NPS - Impacts from Hydrostructure Flow Regulation/modification

**Dissolved Solids**

**NS**              Total Dissolved Solids              NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities

**NS**              Sulfate              NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities

**Nutrient Screening Levels**

**CS**              Chlorophyll-a              NPS - Flow Alterations from Water Diversions; NPS - Impacts from Hydrostructure Flow Regulation/modification

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0212      **Lake Arrowhead**

From Lake Arrowhead Dam in Clay County up to normal pool elevation of 926 feet (impounds the Little Wichita River)

**AUID:** 0212\_01      *Entire water body*

**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Dairies (Outside Milk Parlor Areas); NPS - Manure Runoff; NPS - Residential Districts; NPS - Upstream Source
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0214**

**Wichita River Below Diversion Lake Dam**

From the confluence with the Red River in Clay County to Diversion Dam in Archer County

**AUID: 0214\_01**      *From the confluence with the Red River upstream to the confluence with an un-named tributary immediately upstream of FM 2393*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<b>CS</b>	Total Phosphorus	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**AUID: 0214\_02**      *From an un-named tributary immediately upstream of FM 2393 upstream to the River Road WWTP*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Aquaculture (Permitted); NPS - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Total Phosphorus	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**AUID: 0214\_03**      *From the River Road WWTP upstream to the confluence with Buffalo Creek*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0214      Wichita River Below Diversion Lake Dam**  
 From the confluence with the Red River in Clay County to Diversion Dam in Archer County

**AUID: 0214\_05      From the confluence with Beaver Creek upstream to the Diversion Lake Dam**

**Bacteria Geomean**

**NS**      E. coli      NPS - Aquaculture (Permitted); NPS - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS**      E. coli      NPS - Aquaculture (Permitted); NPS - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

**SEGID: 0214A      Beaver Creek (unclassified water body)**  
 From the confluence of the Wichita River west of Wichita Falls in Wichita County upstream to the headwaters west of Crowell in Foard County

**AUID: 0214A\_01      From the confluence with the Wichita River upstream to the confluence with Bull Creek**

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      UNK - Source Unknown

**AUID: 0214A\_02      From the confluence with Bull Creek upstream to the Santa Rosa Lake dam**

**Bacteria Geomean**

**NS**      E. coli      NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**Bacteria Single Sample**

**NS**      E. coli      NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      PS - Drought-related Impacts

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Upstream Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0214B Buffalo Creek (unclassified water body)**  
 From the confluence of the Wichita River west of Wichita Falls in Wichita County to the upstream perennial portion of the stream east of Electra in Wichita County

**AUID: 0214B\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rural (Residential Areas)

**Nutrient Screening Levels**

**CS** Ammonia NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Rural (Residential Areas)

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Rural (Residential Areas)

**CS** Nitrate NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Rural (Residential Areas)

**CS** Orthophosphorus NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Rural (Residential Areas)

**CS** Total Phosphorus NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Rural (Residential Areas)

**SEGID: 0214E Wichita Valley Irrigation Project (unclassified water body)**  
 From northeast of Wichita Falls (North Side Canal) and southwest of Wichita Falls (Call Field Canal) upstream to Lake Diversion Dam

**AUID: 0214E\_01 South Side Canal**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Upstream Source

**SEGID: 0218 Wichita/North Fork Wichita River**  
 From a point 9.4 kilometers (5.8 miles) downstream of the confluence of Crooked Creek in Baylor County to a point 8.5 kilometers (5.3 miles) downstream of the most upstream crossing of FM 193 in Dickens County)

**AUID: 0218\_04 From the confluence with Middle Wichita River to confluence with Salt Creek**

**Chronic Toxic Substances in water**

**CN** Selenium NPS - Natural Sources; NPS - Upstream Source

**AUID: 0218\_05 From the confluence with Salt Creek to end of segment**

**Chronic Toxic Substances in water**

**CN** Selenium NPS - Natural Sources; NPS - Upstream Source

**SEGID: 0218A Middle Fork Wichita River (unclassified water body)**  
 From the confluence of the North Wichita River southwest of Crowell in Foard County to the upstream perennial portion of the stream northeast of Guthrie in King County

**AUID: 0218A\_01 Entire segment**

**Chronic Toxic Substances in water**

**CN** Selenium NPS - Natural Sources; NPS - Upstream Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0219

**Lake Wichita**

From Lake Wichita Dam in Wichita County up to the normal pool elevation of 980.5 feet (impounds Holliday Creek)

**AUID:** 0219\_01 *Entire segment*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers
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<b>CS</b>	Total Phosphorus	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers
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**SEGID:** 0222

**Salt Fork Red River**

From the Oklahoma State Line in Collingsworth County to Greenbelt Dam in Donley County

**AUID:** 0222\_01 *Oklahoma State Line to Lake Creek confluence*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl
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**SEGID:** 0224A

**McClellan Creek (unclassified water body)**

From the confluence with the North Fork Red River upstream to the headwaters southwest of Panhandle in Carson County

**AUID:** 0224A\_01 *From the confluence with the North Fork Red River upstream to the Lake McClellan dam*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0226	<b>South Fork Wichita River</b>	
	From the confluence with the North Fork Wichita River in Knox County to a point 15.0 kilometers (9.3 miles) upstream of US 82 in Dickens County	
<b>AUID:</b> 0226_01	<b>Lower end of segment to SH 6</b>	
<u>Dissolved Solids</u>		
<b>NS</b>	Chloride	NPS - Natural Sources; NPS - Upstream Source
<b>AUID:</b> 0226_02	<b>From SH 6 to confluence with Willow Creek</b>	
<u>Dissolved Solids</u>		
<b>NS</b>	Chloride	NPS - Natural Sources; NPS - Upstream Source
<u>Nutrient Screening Levels</u>		
<b>CS</b>	Ammonia	NPS - Agriculture; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities; NPS - Upstream Source
<b>AUID:</b> 0226_03	<b>From confluence with Willow Creek to confluence with Long Canyon Creek</b>	
<u>Dissolved Solids</u>		
<b>NS</b>	Chloride	NPS - Natural Sources; NPS - Upstream Source
<u>Nutrient Screening Levels</u>		
<b>CS</b>	Ammonia	NPS - Agriculture; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities; NPS - Upstream Source
<b>AUID:</b> 0226_04	<b>Low-water dam to 0.5 mile upstream</b>	
<u>Dissolved Solids</u>		
<b>NS</b>	Chloride	NPS - Natural Sources; NPS - Upstream Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0229**

**Upper Prairie Dog Town Fork Red River**

From a point 100 meters (110 yards) upstream of the confluence of Salt Fork Creek in Armstrong County to Lake Tanglewood Dam in Randall County

**AUID: 0229\_01**      *Lower end of segment to Palo Duro State Park northern boundary*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Upstream Source
<b>CS</b>	Nitrate	NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges

**AUID: 0229\_02**      *Palo Duro Canyon State Park upstream boundary to upper end of segment at Tanglewood Dam*

**High pH**

<b>NS</b>	pH	NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Upstream Source; PS - Municipal Point Source Discharges
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**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges
<b>CS</b>	Nitrate	NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges
<b>CS</b>	Chlorophyll-a	NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Upstream Source; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0229A      **Lake Tanglewood (unclassified water body)**

From Randall County Dam up to normal pool elevation south of Amarillo (impounds Prairie Dog Town Fork Red River)

**AUID:** 0229A\_01      *Entire lake*

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; PS - Municipal Point Source Discharges
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**Nutrient Screening Levels**

<b>CS</b>	Ammonia	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; PS - Municipal Point Source Discharges
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<b>CS</b>	Chlorophyll-a	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; PS - Municipal Point Source Discharges
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<b>CS</b>	Nitrate	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; PS - Municipal Point Source Discharges
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0230A Paradise Creek (unclassified water body)**  
 From the confluence with the Pease River east of Vernon to the upstream perennial portion near Thalia in Foard County

**AUID: 0230A\_03 Lower 5 miles of water body**

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Auction Barns; NPS - Manure Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Bacteria Single Sample**

**NS** E. coli NPS - Agriculture; NPS - Auction Barns; NPS - Manure Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture; NPS - Auction Barns; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**CS** Nitrate NPS - Agriculture; NPS - Auction Barns; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**AUID: 0230A\_04 Remainder of water body**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture; NPS - Auction Barns; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**CS** Nitrate NPS - Agriculture; NPS - Auction Barns; NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

**SEGID: 0299A Sweetwater Creek (unclassified water body)**  
 From the Oklahoma State Line in Wheeler County to the upstream perennial portion of the stream northwest of Wheeler in Wheeler County (tributary of North Fork Red River)

**AUID: 0299A\_01 From Oklahoma State Line to confluence with Graham Creek**

**Bacteria Geomean**

**NS** E. coli NPS - Animal Feeding Operations (NPS); NPS - Grazing in Riparian or Shoreline Zones; NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source

**Bacteria Single Sample**

**NS** E. coli NPS - Animal Feeding Operations (NPS); NPS - Livestock (Grazing or Feeding Operations); NPS - Manure Runoff; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); NPS - Rangeland Grazing; NPS - Wildlife Other than Waterfowl

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0301

**Sulphur River Below Wright Patman Lake**

From the Arkansas State Line in Bowie/Cass County to Wright Patman Lake Dam in Bowie/Cass County

**AUID:** 0301\_01

*From the Arkansas state line approximately 9 miles upstream to the unnamed creek at NHD RC 11140302004559*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Upstream Impoundments (e.g., PI-566 NRCS Structures)

**AUID:** 0301\_02

*From the unnamed creek at NHD RC 11140302004559 approximately 10 miles to Wright Patman Lake Dam*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Upstream Impoundments (e.g., PI-566 NRCS Structures)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 0302	<b>Wright Patman Lake</b>	
From Wright Patman Lake Dam in Bowie/Cass County to a point 1.5 kilometers (0.9 miles) downstream of Bassett Creek in Bowie/Cass County, up to the normal pool elevation of 225 feet (impounds the Sulphur River)		
<b>AUID:</b> 0302_01	<b>800 acres near dam</b>	
<b>High pH</b>		
<b>CN</b>	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>Nutrient Screening Levels</b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>AUID:</b> 0302_02	<b>300 acres at International Paper intake</b>	
<b>Dissolved Oxygen 24hr average</b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Internal Nutrient Recycling; NPS - Natural Sources; NPS - Non-Point Source
<b>Dissolved Oxygen 24hr minimum</b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Internal Nutrient Recycling; NPS - Natural Sources; NPS - Non-Point Source
<b>High pH</b>		
<b>NS</b>	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>Nutrient Screening Levels</b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>AUID:</b> 0302_04	<b>500 acres in the northeast corner of lake</b>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>Nutrient Screening Levels</b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>AUID:</b> 0302_05	<b>200 acres in the northwestern tip of lake</b>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>AUID:</b> 0302_06	<b>Big Creek arm</b>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>Nutrient Screening Levels</b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>AUID:</b> 0302_07	<b>4000 acres mid-lake</b>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>AUID:</b> 0302_08	<b>1600 acres in upper mid-lake</b>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0302

**Wright Patman Lake**

From Wright Patman Lake Dam in Bowie/Cass County to a point 1.5 kilometers (0.9 miles) downstream of Bassett Creek in Bowie/Cass County, up to the normal pool elevation of 225 feet (impounds the Sulphur River)

**AUID:** 0302\_09      *5000 acres mid-lake, below Hwy 8*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>CS</b>	Orthophosphorus	NPS - Non-Point Source

**AUID:** 0302\_10      *4000 acres in upper portion of lake*

**Dissolved Oxygen 24hr average**

<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Internal Nutrient Recycling; NPS - Natural Sources; NPS - Non-Point Source
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**Dissolved Oxygen 24hr minimum**

<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Internal Nutrient Recycling; NPS - Natural Sources; NPS - Non-Point Source
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Non-Point Source
<b>CS</b>	Total Phosphorus	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**SEGID:** 0302C

**Anderson Creek (unclassified water body)**

From Lake Wright Patman upstream 88.6 km (55 mi) to the headwaters near US HWY 82

**AUID:** 0302C\_01      *Entire water body*

**Dissolved Oxygen 24hr average**

<b>CN</b>	Dissolved Oxygen 24hr Avg	NPS - Non-metals Mining Discharges (Permitted); PS - Municipal Point Source Discharges; PS - Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment
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**Dissolved Oxygen 24hr minimum**

<b>CN</b>	Dissolved Oxygen 24hr Min	NPS - Non-metals Mining Discharges (Permitted); PS - Municipal Point Source Discharges; PS - Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Non-metals Mining Discharges (Permitted); PS - Municipal Point Source Discharges; PS - Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment
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**Habitat**

<b>CS</b>	Habitat	NPS - Sewage Discharges in Unsewered Areas
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0303

### **Sulphur/South Sulphur River**

From a point 1.5 kilometers (0.9 miles) downstream of Bassett Creek in Bowie/Cass County to Cooper Lake Dam in Delta/Hopkins County

**AUID:** 0303\_01

*Portion of the Sulphur/South Sulphur River from Lake Wright Patman upstream approximately 29 km (18 mi) to the confluence with White Oak Creek*

#### Nutrient Screening Levels

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Upstream Impoundments (e.g., PI-566 NRCS Structures)

**AUID:** 0303\_02

*Portion of the Sulphur/South Sulphur River from the confluence of White Oak Creek approximately 44 km (27 mi) upstream to the confluence with the Roden Creek.*

#### Nutrient Screening Levels

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Upstream Impoundments (e.g., PI-566 NRCS Structures)



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0303B	<b>White Oak Creek (unclassified water body)</b>	
	From the confluence of the Sulphur River north of Naples in Morris County to the upstream perennial portion of the stream east of Sulphur Springs in Hopkins County	
<b>AUID:</b> 0303B_01	<b>Portion of White Oak Creek from the confluence with the South Sulphur River approximately 40 km (25 mi) upstream to the confluence with Lacy Creek.</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Unrestricted Cattle Access; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source
<b>AUID:</b> 0303B_02	<b>Portion of White Oak Creek from the confluence with the Lacy Creek approximately 42 km (26 mi) upstream to the confluence with Ripley Creek.</b>	
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Natural Sources; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b>AUID:</b> 0303B_03	<b>Portion of White Oak Creek from the confluence with the Ripley Creek approximately 42 km (26 mi) upstream to Stouts Creek.</b>	
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Natural Sources; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b>AUID:</b> 0303B_04	<b>Portion of White Oak Creek from the confluence with the Stouts Creek approximately 46 km (28 mi) upstream to Midget Creek.</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Unrestricted Cattle Access; UNK - Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Unrestricted Cattle Access; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Non-metals Mining Discharges (Permitted); PS - Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0303L      Kickapoo Creek (unclassified water body)**  
 From the confluence with Cuthand Creek in Titus County to 1.6 kilometers (1 mile) south of FM 114

**AUID: 0303L\_01      Entire water body**

**Habitat**

**CS**                  Habitat                  PS - Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment

**SEGID: 0304      Days Creek**  
 From the Arkansas State Line in Bowie County to the confluence of Swampoodle Creek and Nix Creek in Bowie County.

**AUID: 0304\_01      Entire water body**

**Nutrient Screening Levels**

**CS**                  Nitrate                  PS - Municipal Point Source Discharges

**Toxic Substances in sediment**

**CS**                  Naphthalene                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Benzo(a)pyrene                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Pyrene                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Phenanthrene                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Chrysene                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Acenaphthene                  NPS - Contaminated Sediments

**CS**                  Benz(a)anthracene                  NPS - Contaminated Sediments

**CS**                  Fluoranthene                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**SEGID: 0304A      Swampoodle Creek (unclassified water body)**  
 From the confluence of Days Creek in central Texarkana in Bowie County to the upstream perennial portion of the stream in northern Texarkana in Bowie County

**AUID: 0304A\_01      Entire water body**

**Fish Community**

**NS**                  Fish Community                  NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Macroinvertebrate Community**

**NS**                  Macroinvertebrate Community                  NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0304B      Cowhorn Creek (unclassified water body)**  
 From the confluence of Wagner Creek in southern Texarkana in Bowie County to the upstream perennial portion of the stream in northern Texarkana in Bowie County

**AUID: 0304B\_01      Entire water body**

**Bacteria Geomean**

**CN**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff

**Fish Community**

**NS**      Fish Community      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Habitat**

**CS**      Habitat      NPS - Channelization

**Macrobenthic Community**

**NS**      Macrobenthic Community      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 0304C      Wagner Creek (unclassified water body)**  
 Perennial stream from the confluence with Days Creek to a point 1.5 km upstream of IH 30

**AUID: 0304C\_01      Entire water body and WQS Appendix D portion of the water body.**

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr minimum**

**CN**      Dissolved Oxygen 24hr Min      PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Ammonia      UNK - Source Unknown

**CS**      Nitrate      PS - Municipal Point Source Discharges

**SEGID: 0304D      Nix Creek (unclassified water body)**  
 From the confluence with Swampoodle Creek to 1.6 kilometers (1 mile) directly east of the intersection of US HWY 271 and I30

**AUID: 0304D\_01      Entire water body**

**Habitat**

**CS**      Habitat      NPS - Channelization

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0305      North Sulphur River**  
 From the confluence with the South Sulphur River in Lamar County to a point 6.7 km (4.2 miles) upstream of FM 68 in Fannin County

**AUID: 0305\_02      Portion of the North Sulphur River from the confluence with Morrison Creek upstream approximately 37 km (23 mi) to the headwaters.**

**Fish Community**  
**NS**      Fish Community      NPS - Channelization; UNK - Source Unknown

**Habitat**  
**CS**      Habitat      NPS - Channelization; UNK - Source Unknown

**Macrobenthic Community**  
**NS**      Macrobenthic Community      NPS - Channelization; UNK - Source Unknown

**SEGID: 0305B      Auds Creek (unclassified water body)**  
 From the confluence with the North Sulphur River in Lamar County to 2 kilometers (1.2 miles) south of US HWY 82

**AUID: 0305B\_01      Entire water body**

**Habitat**  
**CS**      Habitat      NPS - Channelization

**Macrobenthic Community**  
**CN**      Macrobenthic Community      PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**SEGID: 0305D      Big Sandy Creek (unclassified water body)**  
 From the confluence with the North Sulphur River in Lamar County to .4 kilometers (.2 miles) of US HWY 82 Business in Paris

**AUID: 0305D\_01      Entire water body**

**Habitat**  
**CS**      Habitat      PS - Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment

**Macrobenthic Community**  
**CN**      Macrobenthic Community      PS - Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0306      Upper South Sulphur River**  
 From a point 1.0 km (0.6 miles) upstream of SH 71 in Delta/Hopkins County to SH 78 in Fannin County

**AUID: 0306\_01      Portion of the Upper South Sulphur River from a point 1 km (.6 mi) upstream of SH 71 upstream approximately 10 km (6 mi) to Dunbar Creek.**

**High pH**

**NS**                      pH                      NPS - Natural Sources

**Nutrient Screening Levels**

**CS**                      Chlorophyll-a                      NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS**                      Nitrate                      NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS**                      Orthophosphorus                      NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS**                      Total Phosphorus                      NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 0306\_02      Portion of the Upper South Sulphur River from the confluence with Dunbar Creek approximately 42 km (26 mi) to Hickory Creek..**

**High pH**

**NS**                      pH                      NPS - Natural Sources

**AUID: 0306\_03      Portion of the Upper South Sulphur River from the confluence with Hickory Creek approximately 19 km (12 mi) to SH 71.**

**High pH**

**NS**                      pH                      NPS - Natural Sources

**SEGID: 0307      Cooper Lake**  
 from Cooper Lake dam in Delta/Hopkins County to a point 1.0 kilometers (0.6 mile) upstream of SH 71 on the South Sulphur River arm in Delta/Hopkins County and 300 meters (330 yards) below the confluence of Barnett Creek on the Middle Sulphur River arm in Delta County, up to a conservation pool elevation of 440 feet (impounds the Middle Sulphur/South Sulphur River)

**AUID: 0307\_01      Lower 5000 acres near dam**

**High pH**

**NS**                      pH                      NPS - Natural Sources

**AUID: 0307\_02      Lower 3000 acre Doctors Creek arm**

**Nutrient Screening Levels**

**CS**                      Nitrate                      NPS - Non-Point Source

**AUID: 0307\_03      Middle 5000 acres**

**High pH**

**NS**                      pH                      NPS - Natural Sources

**AUID: 0307\_04      Middle 2000 acre Johns Creek arm**

**High pH**

**NS**                      pH                      NPS - Natural Sources

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0401**

**Caddo Lake**

From the Louisiana State Line in Harrison/Marion County to a point 12.3 km (7.6 miles) downstream of SH 43 in Harrison/Marion County, up to pool elevation of 168.5 feet (impounds Big Cypress Creek)

**AUID: 0401\_01 Lower 5000 acres**

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics

**Toxic Substances in sediment**

**CS** Iron NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**CS** Manganese NPS - Natural Sources

**AUID: 0401\_02 Harrison Bayou arm**

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Internal Nutrient Recycling; NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics

**AUID: 0401\_03 Goose Prairie arm**

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Sources; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics

**Low pH**

**NS** pH NPS - Atmospheric Depositon - Acidity; NPS - Natural Sources

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0401	<b>Caddo Lake</b>	From the Louisiana State Line in Harrison/Marion County to a point 12.3 km (7.6 miles) downstream of SH 43 in Harrison/Marion County, up to pool elevation of 168.5 feet (impounds Big Cypress Creek)
<b>AUID:</b> 0401_05	<b>Clinton Lake</b>	
<b><u>Bioaccumulative Toxics in fish tissue</u></b>		
<b>CS</b>	Mercury	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen grab minimum</u></b>		
<b>NS</b>	Dissolved Oxygen Grab	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Internal Nutrient Recycling; NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics
<b><u>Low pH</u></b>		
<b>CN</b>	pH	NPS - Atmospheric Depositon - Acidity; NPS - Natural Sources
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Ammonia	UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0401**

**Caddo Lake**

From the Louisiana State Line in Harrison/Marion County to a point 12.3 km (7.6 miles) downstream of SH 43 in Harrison/Marion County, up to pool elevation of 168.5 feet (impounds Big Cypress Creek)

**AUID: 0401\_07**      *Mid-lake near Uncertain*

**Bioaccumulative Toxics in fish tissue**

**CS**              Mercury              NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS**              Dissolved Oxygen 24hr Avg              NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS**              Dissolved Oxygen 24hr Min              NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**              Dissolved Oxygen Grab              NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**              Dissolved Oxygen Grab              NPS - Internal Nutrient Recycling; NPS - Natural Conditions - Water Quality Standards Use  
Attainability Analysis Needed; NPS - Natural Sources

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

**NS**              Restricted-Consumption              NPS - Atmospheric Depositon - Toxics

**Low pH**

**CN**              pH              NPS - Atmospheric Depositon - Acidity; NPS - Natural Sources

**Toxic Substances in sediment**

**CS**              Manganese              NPS - Natural Sources

**AUID: 0401\_08**      *Remainder of segment*

**Bioaccumulative Toxics in fish tissue**

**CS**              Mercury              NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS**              Restricted-Consumption              NPS - Atmospheric Depositon - Toxics



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0401A	<b>Harrison Bayou (unclassified water body)</b>	
	From the confluence of Caddo Lake east of Karnack in Harrison County to the upstream perennial portion of the stream east of Marshall in Harrison County	
<b>AUID:</b> 0401A_01	<i>From Caddo Lake upstream 21.8 km (13.5 mi) to the confluence with NHD RC 11140306000177, an unnamed tributary approximately 2 km downstream from FM 1998</i>	
<b><u>Bacteria Geomean</u></b>		
<b>CN</b>	E. coli	NPS - Non-Point Source; NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen grab minimum</u></b>		
<b>NS</b>	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources
<b><u>Habitat</u></b>		
<b>CS</b>	Habitat	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0402      Big Cypress Creek Below Lake O' the Pines**  
 From a point 12.3 km (7.6 miles) downstream of SH 43 in Harrison/Marion County to Ferrell's Bridge Dam in Marion County

**AUID: 0402\_01      From the confluence with Caddo Lake upstream 15 km (9 mi) to Haggerty Creek**

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

**NS**      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics

**Low pH**

**NS**      pH      NPS - Natural Sources

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

**AUID: 0402\_02      From the confluence with Haggerty Creek upstream 25 km (15.5 mi) to the confluence with Black Cypress Bayou.**

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Dam or Impoundment; NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

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

**NS**      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics

**AUID: 0402\_03      From the confluence with Black Cypress Bayou upstream 23.8 km (14.7 mi) to French Creek.**

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

**NS**      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics

**Macrobenthic Community**

**CN**      Macrobenthic Community      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**AUID: 0402\_04      From the confluence with French Creek upstream 13 km (8 mi) to Lake O' the Pines**

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

**NS**      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0402A	<b>Black Cypress Bayou (unclassified water body)</b>
Perennial stream from the confluence with Big Cypress in Marion County up to 7.5 miles above FM 250 in Cass County.	

**AUID:** 0402A\_01 *From the confluence with Big Cypress Creek upstream 25 km (15.5 mi) to the confluence with White Oak Creek*

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources; UNK - Source Unknown

**AUID:** 0402A\_02 *From the confluence with White Oak Creek upstream 31.3 km ( 19.4 mi) to Pruitt Lake*

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**CN** Dissolved Oxygen Grab NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources; UNK - Source Unknown

**AUID:** 0402A\_03 *Pruitt Lake beginning near HWY 155, extending upstream 1.8 km (1.1 mi)*

**Acute Toxic Substances in water**

**NS** Copper UNK - Source Unknown

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics

**Chronic Toxic Substances in water**

**CN** Copper UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**CN** Dissolved Oxygen 24hr Avg NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0402A      Black Cypress Bayou (unclassified water body)**  
 Perennial stream from the confluence with Big Cypress in Marion County up to 7.5 miles above FM 250 in Cass County.

**AUID: 0402A\_04      From Pruitt Lake 26.4 km (16.4 mi) upstream to the confluence with Arbery Branch**

**Bacteria Geomean**

**NS**              E. coli                      UNK - Source Unknown

**Bioaccumulative Toxics in fish tissue**

**CS**              Mercury                    NPS - Atmospheric Depositon - Toxics

**Dissolved Oxygen 24hr average**

**CN**              Dissolved Oxygen 24hr Avg      NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**CN**              Dissolved Oxygen Grab          NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**              Dissolved Oxygen Grab          NPS - Natural Sources; UNK - Source Unknown

**AUID: 0402A\_05      From the confluence with Arbery Branch upstream 24 km (14.1 mi) to the headwaters near US 259**

**Bacteria Geomean**

**CN**              E. coli                      UNK - Source Unknown

**Bioaccumulative Toxics in fish tissue**

**CS**              Mercury                    NPS - Atmospheric Depositon - Toxics

**Dissolved Oxygen 24hr average**

**NS**              Dissolved Oxygen 24hr Avg      NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS**              Dissolved Oxygen 24hr Min      NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**              Dissolved Oxygen Grab          NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**              Dissolved Oxygen Grab          NPS - Natural Sources; UNK - Source Unknown

**SEGID: 0402B      Hughes Creek (unclassified water body)**  
 Perennial stream from the confluence with Black Cypress Creek upstream to the confluence with an unnamed first order tributary approximately 0.5 km downstream of FM 250

**AUID: 0402B\_01      Entire water body and WQS Appendix D portion of the water body.**

**Dissolved Oxygen grab minimum**

**CN**              Dissolved Oxygen Grab          NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**              Dissolved Oxygen Grab          NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0402E Kelly Creek (unclassified water body)**  
 From the confluence with Black Cypress Creek in Cass County, north to approximately 2 miles southwest of where State HWY 338 and US HWY 259 merge

**AUID: 0402E\_01 Entire water body**

**Habitat**

**CS** Habitat NPS - Natural Sources; UNK - Source Unknown

**Macrobenthic Community**

**CN** Macrobenthic Community NPS - Natural Sources; UNK - Source Unknown

**SEGID: 0403 Lake O' the Pines**  
 From Ferrell's Bridge Dam in Marion County to a point 1.0 km (0.6 miles) downstream of US 259 in Morris/Upshur County, up to normal pool elevation of 228.5 feet (impounds Big Cypress Creek)

**AUID: 0403\_02 Middle 5000 acres**

**High pH**

**CN** pH NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**AUID: 0403\_04 Upper 3700 acres**

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Irrigated Crop Production; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**SEGID: 0404 Big Cypress Creek Below Lake Bob Sandlin**  
 From a point 1.0 km (0.6 miles) downstream of US 259 in Morris/Upshur Counties to Fort Sherman Dam in Camp/Titus Counties

**AUID: 0404\_01 From the confluence with Lake O' the Pines upstream 24 km (14.9 mi) to the confluence with an unnamed tributary NHD RC 11140305002717**

**Dissolved Oxygen 24hr average**

**CN** Dissolved Oxygen 24hr Avg NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min NPS - Natural Sources; UNK - Source Unknown

**AUID: 0404\_02 From the confluence with an unnamed tributary NHD RC 11140305002717 upstream 37.2 km (23 mi) to Lake Bob Sandlin**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate PS - Industrial Point Source Discharge

**CS** Orthophosphorus PS - Industrial Point Source Discharge

**CS** Total Phosphorus PS - Industrial Point Source Discharge

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0404A      **Ellison Creek Reservoir (unclassified water body)**  
 From the Morris County Dam up to normal pool elevation near Lone Star in Morris County (impounds Ellison Creek)

**AUID:** 0404A\_01      *Entire water body*

**Acute Toxic Substances in water**

**NS**                  Copper                  PS - Industrial Point Source Discharge

**Bioaccumulative Toxics in fish tissue**

**CS**                  PCBs                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

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

**NS**      Restricted and No-Consumption      PS - Industrial Point Source Discharge

**LOE Toxic Sediment condition**

**NS**                  Sediment Toxicity (LOE)                  PS - Industrial Point Source Discharge

**Toxic Substances in sediment**

**CS**                  Nickel                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Manganese                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Lead                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Iron                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Cadmium                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

**CS**                  Zinc                  NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0404B Tankersley Creek (unclassified water body)**

Perennial stream from the confluence with Big Cypress Creek upstream to the confluence with an unnamed tributary 250 meters upstream of IH 30

**AUID: 0404B\_01** *From the confluence with Big Cypress Creek upstream 16.1 km (10 mi) to Tankersley Lake. WQS Appendix D portion of the creek.*

**Bacteria Geomean**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Unrestricted Cattle Access; PS - Industrial Point Source Discharge; UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Unrestricted Cattle Access; PS - Industrial Point Source Discharge; UNK - Source Unknown

**Habitat**

**CS** Habitat NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Orthophosphorus NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Ammonia NPS - Non-Point Source; PS - Industrial Point Source Discharge; UNK - Source Unknown

**CS** Total Phosphorus NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

**SEGID: 0404C Hart Creek (unclassified water body)**

Perennial stream from the confluence with Big Cypress Creek upstream to 0.2 km upstream of FM 1402

**AUID: 0404C\_01** *Entire water body and WQS Appendix D portion of the water body.*

**Bacteria Geomean**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Unrestricted Cattle Access; PS - Industrial Point Source Discharge; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**CN** Dissolved Oxygen Grab PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0404E      Dry Creek (unclassified water body)**  
 Perennial stream from the confluence with Big Cypress Creek upstream to the confluence of Mile Branch and Little Creek

**AUID: 0404E\_01      Entire water body**

**Nutrient Screening Levels**

**CS**                      Nitrate                      PS - Municipal Point Source Discharges

**SEGID: 0404J      Prairie Creek (unclassified water body)**  
 From the confluence with Big Cypress Creek to Bennett Lake, south of Pittsburg in Camp County

**AUID: 0404J\_01      Entire water body**

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN**      Dissolved Oxygen 24hr Min      NPS - Natural Sources; UNK - Source Unknown

**SEGID: 0404N      Lake Daingerfield (unclassified water body)**  
 Southeast of the City of Daingerfield in Daingerfield State Park in Morris County

**AUID: 0404N\_01      Entire reservoir**

**Bioaccumulative Toxics in fish tissue**

**CS**                      Mercury                      NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS**                      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics

**SEGID: 0405      Lake Cypress Springs**  
 From Franklin County Dam in Franklin County up to the normal pool elevation of 378 feet (impounds Big Cypress Creek)

**AUID: 0405\_02      Upper 2600 acres**

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      NPS - Natural Sources; UNK - Source Unknown

**High pH**

**CN**                      pH                      NPS - Dairies (Outside Milk Parlor Areas); NPS - Non-Point Source



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0405A      Big Cypress Creek (unclassified water body)**  
 From the confluence with Lake Cypress springs in Franklin County, to approximately 5 miles west of State HWY 37

**AUID: 0405A\_01      Entire water body**  
Bacteria Geomean  
**CN**                  E. coli                  NPS - Dairies (Outside Milk Parlor Areas); NPS - Non-Point Source; NPS - Wet Weather Discharges (Non-Point Source)

Bacteria Single Sample  
**CN**                  E. coli                  NPS - Dairies (Outside Milk Parlor Areas); NPS - Non-Point Source; NPS - Wet Weather Discharges (Non-Point Source)

**SEGID: 0405B      Panther Creek (unclassified water body)**  
 From the confluence with Lake Cypress springs in Franklin County, to approximately .25 miles west of State HWY 37

**AUID: 0405B\_01      Entire water body**  
Habitat  
**CS**                  Habitat                  NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**SEGID: 0406      Black Bayou**  
 From the Louisiana State Line in Cass County to FM 96 in Cass County

**AUID: 0406\_01      Black Bayou from the LA state line upstream 19.1 km (11.8 mi) to the confluence with Hurricane Creek**  
Bacteria Geomean  
**NS**                  E. coli                  NPS - Non-Point Source

Dissolved Oxygen grab minimum  
**NS**                  Dissolved Oxygen Grab                  NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

Dissolved Oxygen grab screening level  
**CS**                  Dissolved Oxygen Grab                  NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

Low pH  
**NS**                  pH                  NPS - Natural Sources

**AUID: 0406\_02      From the confluence with Hurricane Creek upstream 28.6 km (17.7 mi) to NHD RC 11140304000881 near FM 96**  
Dissolved Oxygen grab minimum  
**NS**                  Dissolved Oxygen Grab                  NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

Dissolved Oxygen grab screening level  
**CS**                  Dissolved Oxygen Grab                  NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

Low pH  
**NS**                  pH                  NPS - Natural Sources

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0407 James' Bayou**  
 From the Louisiana State Line in Marion County to Club Lake Road northwest of Linden in Cass County

**AUID: 0407\_01** *From the LA state line upstream 31.6 km (19.6 mi) to the confluence with Bear Creek.*

**Bacteria Geomean**

**CN** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**CN** E. coli NPS - Non-Point Source; NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**Low pH**

**NS** pH NPS - Natural Sources

**AUID: 0407\_02** *From the confluence with Bear Creek upstream 29.8 km (18.5 mi) to approximately 2 km north of HWY 11*

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**SEGID: 0407B Frazier Creek (unclassified water body)**  
 From the confluence with James Bayou to approximately 4 miles northwest of SH 8 near Red Hill in Cass County

**AUID: 0407B\_02** *From the confluence with the confluence with NHD RC 11140306000019 near HWY 59 upstream 24.7 km (15.3 mi) to the headwaters*

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0408C

Brushy Creek (unclassified water body)

From the confluence with Lake Bob Sandlin in Franklin County to Winnsboro at State HWY 37

AUID: 0408C\_01 Entire water body

Habitat

CS Habitat NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

Macrobenthic Community

CN Macrobenthic Community NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0409	<b>Little Cypress Bayou (Creek)</b>	
From the confluence of Big Cypress Creek in Harrison/Marion County to a point 1.0 km (0.6 miles) upstream of FM 2088 in Wood County		
<b>AUID:</b> 0409_01	<b><i>From the confluence with Big Cypress Creek upstream 41 km (25.4 mi) to the confluence with Lawrence Creek</i></b>	
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed
<b>AUID:</b> 0409_02	<b><i>From the confluence with Lawrence Creek upstream 29.2 km (18.1 mi) to the confluence with NHD RC 11140307000368</i></b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Livestock (Grazing or Feeding Operations); UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>CN</b>	Dissolved Oxygen 24hr Min	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed
<b>AUID:</b> 0409_03	<b><i>From the confluence with NHD RC 11140307000368 upstream 52.2 km (32.6 mi) to the confluence with Kelsey Creek</i></b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Livestock (Grazing or Feeding Operations); UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source
<b><u>Macrobenthic Community</u></b>		
<b>CN</b>	Macrobenthic Community	NPS - Natural Sources; UNK - Source Unknown
<b>AUID:</b> 0409_04	<b><i>From the confluence with NHD RC 11140307001531 upstream 41.1 km (29.2 mi) to the headwaters at FM 2088</i></b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Livestock (Grazing or Feeding Operations); UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0409B **South Lilly Creek (unclassified water body)**

From the confluence of Lilly Creek to approximately 2 miles west of FM 1647

**AUID:** 0409B\_01 *Entire water body*

**Bacteria Geomean**

**NS** E. coli NPS - Livestock (Grazing or Feeding Operations); UNK - Source Unknown

**SEGID:** 0409E **Clear Creek (unclassified water body)**

From the confluence with Little Cypress Creek in Upshur County to 1 kilometer (.6 miles) west of US HWY 271

**AUID:** 0409E\_01 *Entire water body*

**Habitat**

**CS** Habitat NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**Macrobenthic Community**

**CN** Macrobenthic Community NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**SEGID:** 0501 **Sabine River Tidal**

From the confluence with Sabine Lake in Orange County to West Bluff in Orange County

**AUID:** 0501\_01 *Lower 10 miles of segment from the confluence of Sabine lake upstream to confluence with Adams Bayou*

**Bacteria Single Sample**

**CN** Enterococcus NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Waterfowl

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0501B Little Cypress Bayou (unclassified water body)**

From the confluence with the Sabine River to the headwaters west of Reese in Orange County.

**AUID: 0501B\_01 Lower 4.2 miles of bayou**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Natural Sources; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts

**Bacteria Single Sample**

**NS** Fecal coliform NPS - Natural Sources; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts

**Chronic Ambient Toxicity tests in water**

**NS** Water Chronic Toxicity NPS - Non-Point Source

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Residential Districts

**AUID: 0501B\_02 0.3 mile upstream to 0.5 mile downstream of Bear Path Road**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Natural Sources; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts

**Bacteria Single Sample**

**NS** Fecal coliform NPS - Natural Sources; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts

**Chronic Ambient Toxicity tests in water**

**NS** Water Chronic Toxicity NPS - Non-Point Source

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Residential Districts

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0501B Little Cypress Bayou (unclassified water body)**

From the confluence with the Sabine River to the headwaters west of Reese in Orange County.

**AUID: 0501B\_03 Upper 3.2 miles of bayou**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Natural Sources; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts

**Bacteria Single Sample**

**NS** Fecal coliform NPS - Natural Sources; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts

**Chronic Ambient Toxicity tests in water**

**NS** Water Chronic Toxicity NPS - Non-Point Source

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Residential Districts

**SEGID: 0502A Nichols Creek (unclassified water body)**

From the confluence of the Sabine River to the upstream perennial portion of the stream south of Kirbyville in Newton and Jasper Counties

**AUID: 0502A\_01 Lower 25 miles of creek**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Bacteria Single Sample**

**CN** Fecal coliform NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0502B      **Caney Creek (unclassified water body)**

Perennial stream from the Sabine River upstream to the confluence with Martin Branch

**AUID:** 0502B\_02      *From Davison Street upstream to the confluence with Caney Branch and Little Caney Branch*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers
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**Bacteria Single Sample**

<b>CN</b>	E. coli	NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers
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**SEGID:** 0502E      **Cypress Creek (unclassified water body)**

From the confluence of Sabine River upstream to headwaters 2.5 miles northeast of Buna in Jasper County

**AUID:** 0502E\_01      *Entire water body*

**Dissolved Oxygen 24hr average**

<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Sand/gravel/rock Mining or Quarries; NPS - Upstream Source
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**Dissolved Oxygen 24hr minimum**

<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Sand/gravel/rock Mining or Quarries; NPS - Upstream Source
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**Habitat**

<b>CS</b>	Habitat	NPS - Non-Point Source; NPS - Sand/gravel/rock Mining or Quarries; NPS - Upstream Source
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**Macrobenthic Community**

<b>CN</b>	Macrobenthic Community	NPS - Non-Point Source; NPS - Sand/gravel/rock Mining or Quarries; NPS - Upstream Source
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0504	<b>Toledo Bend Reservoir</b>	
From Toledo Bend Dam in Newton County to a point immediately upstream of the confluence of Murvaul Creek in Panola County, up to the normal pool elevation of 172 feet (impounds the Sabine River)		
<b>AUID:</b> 0504_01	<b>Lowermost 5200 acres of reservoir, adjacent to dam, including Indian Creek arm</b>	
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown
<b>AUID:</b> 0504_02	<b>Six Mile Boat Lane arm</b>	
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown
<b>AUID:</b> 0504_03	<b>Sunshine Bay arm</b>	
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown
<b>AUID:</b> 0504_04	<b>Near SH 21</b>	
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown
<b>AUID:</b> 0504_05	<b>Patroon Bayou Branch arm</b>	
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown
<b>AUID:</b> 0504_06	<b>Tenaha Creek arm</b>	
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Upstream Source
<b>AUID:</b> 0504_07	<b>Uppermost 5120 acres of reservoir</b>	
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Animal Feeding Operations (NPS); NPS - Impacts from Land Application of Wastes; NPS - Manure Runoff; NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CN</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<b>AUID:</b> 0504_08	<b>Negreet Bayou arm</b>	
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0504 Toledo Bend Reservoir**  
 From Toledo Bend Dam in Newton County to a point immediately upstream of the confluence of Murvaul Creek in Panola County, up to the normal pool elevation of 172 feet (impounds the Sabine River)

**AUID: 0504\_09 San Miguel arm**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 0504\_10 San Patricia arm**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Animal Feeding Operations (NPS); NPS - Impacts from Land Application of Wastes; NPS - Manure Runoff; NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 0504\_11 Toledo Bend reservoir near Buzzard Bend**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**AUID: 0504\_12 Remainder of reservoir**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**SEGID: 0504E Clear Lake (unclassified water body)**  
 Oxbow lake 12 miles northwest of Logansport, LA

**AUID: 0504E\_01 Oxbow lake 12 miles northwest of Logansport, LA**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics

**SEGID: 0505 Sabine River Above Toledo Bend Reservoir**  
 From a point immediately upstream of the confluence of Murvaul Creek in Panola County to a point 100 meters (110 yards) downstream of US 271 in Gregg County

**AUID: 0505\_04 Sabine River from Hatley Creek upstream to Grace Creek in Gregg County**

**Bacteria Geomean**

**NS** E. coli NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**CN** E. coli NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0505B      Grace Creek (unclassified water body)**  
 Perennial stream from the confluence with the Sabine River up to FM 1844 in Gregg County

**AUID: 0505B\_02      Remainder of segment in the City of Longview upstream to headwaters**

**Bacteria Geomean**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Macrobenthic Community**

**CN**      Macrobenthic Community      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 0505D      Rabbit Creek (unclassified water body)**  
 From the confluence with the Sabine River near Kilgore in Gregg County to the headwaters west of Overton in Smith County.

**AUID: 0505D\_01      Perennial stream from the confluence with the Sabine River in Gregg County up to the confluence with Little Rabbit Creek in Rusk County**

**Bacteria Geomean**

**CN**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**CN**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0505G      Wards Creek (unclassified water body)**  
 From the confluence with Hatley Creek to the headwaters east of Hallsville in Harrison County

**AUID: 0505G\_01      Entire segment**

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source; PS - Discharges from Biosolids (SLUDGE) Storage, Application or Disposal; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source; PS - Discharges from Biosolids (SLUDGE) Storage, Application or Disposal; PS - Municipal Point Source Discharges

**Habitat**

**CS**      Habitat      NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Discharges from Biosolids (SLUDGE) Storage, Application or Disposal; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Discharges from Biosolids (SLUDGE) Storage, Application or Disposal; PS - Municipal Point Source Discharges

**SEGID: 0505O      Hills Lake (unclassified water body)**  
 Oxbow lake 13 miles east of Carthage

**AUID: 0505O\_01      Entire segment**

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

**NS**      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0506 Sabine River Below Lake Tawakoni**  
 From a point 100 meters (110 yards) downstream of US 271 in Gregg County to Iron Bridge Dam in Rains County

**AUID: 0506\_02 From the confluence with Big Sandy Creek upstream to the confluence with Lake Fork Creek**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source

**AUID: 0506\_04 From the confluence with Grand Saline Creek upstream to SH 19**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Crop Production (Crop Land or Dry Land); NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source

**SEGID: 0506A Harris Creek (unclassified water body)**  
 From the confluence of the Sabine River northeast of Winona in Smith County to the upstream perennial portion of the stream east of Tyler in Smith County

**AUID: 0506A\_01 Entire segment**

**Bacteria Geomean**

**CN** E. coli NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**CN** E. coli NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**SEGID: 0506C Wiggins Creek (unclassified water body)**  
 Perennial stream from the confluence with Harris Creek upstream to the dam impounding an unnamed reservoir located approximately 3.8 km upstream of FM 2015 northeast of the City of Tyler

**AUID: 0506C\_01 Appendix D - From the confluence with Harris Creek upstream to Smith County WWTP**

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 0506C\_02 From Smith County WWTP upstream to dam impounding unnamed reservoir**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Non-Point Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0506H      **Lake Gladewater (unclassified water body)**  
 From the dam up to the normal pool elevation of 300.2 ft northeast of Gladewater (impounds Glade Creek)

**AUID:** 0506H\_01      *Entire segment*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source
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**SEGID:** 0507      **Lake Tawakoni**  
 From Iron Bridge Dam in Rains County up to normal pool elevation of 437 feet (impounds Sabine River)

**AUID:** 0507\_01      *Lowermost area of reservoir, adjacent to dam*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Speciality Crop Production; NPS - Upstream Source; PS - Drought-related Impacts; UNK - Source Unknown
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**AUID:** 0507\_02      *Middle of reservoir near Spring Point*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Speciality Crop Production; NPS - Upstream Source; PS - Drought-related Impacts; UNK - Source Unknown
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**AUID:** 0507\_03      *Upper middle body of lake near SH 276*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Speciality Crop Production; NPS - Upstream Source; PS - Drought-related Impacts; UNK - Source Unknown
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**AUID:** 0507\_04      *Cowleech Fork of Sabine River arm*

**High pH**

<b>NS</b>	pH	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; PS - Drought-related Impacts; UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Speciality Crop Production; NPS - Upstream Source; PS - Drought-related Impacts; UNK - Source Unknown
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**AUID:** 0507\_05      *South Fork of the Sabine River around Kitsee Inlet*

**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source
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<b>CS</b>	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Speciality Crop Production; NPS - Upstream Source; PS - Drought-related Impacts; UNK - Source Unknown
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0507A      Cowleech Fork Sabine River (unclassified water body)**  
 From the confluence of Lake Tawakoni southeast of Greenville in Hunt County to the upstream perennial portion of the stream south of Celeste in Hunt County

**AUID: 0507A\_01      Lower 10 miles, downstream of Long Branch confluence**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source

**CS**      Orthophosphorus      NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source

**AUID: 0507A\_02      Upper 20 miles, upstream of Long Branch confluence**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source

**SEGID: 0507B      Long Branch (unclassified water body)**  
 From the confluence with Cowleech Fork Sabine River to the upstream perennial portion of the stream in Greenville in Hunt County

**AUID: 0507B\_01      Entire creek**

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 0507G      South Fork of Sabine River (unclassified water body)**  
 From the confluence with Lake Tawakoni upstream to the confluence with Klutts and Sabine Creeks

**AUID: 0507G\_01      Entire segment**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Crop Production (Crop Land or Dry Land); NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**SEGID: 0507H      Caddo Creek (unclassified water body)**  
 From the confluence with Lake Tawakoni at Caddo Inlet upstream to the confluence with East Caddo and West Caddo Creeks

**AUID: 0507H\_01      Entire creek**

**Dissolved Oxygen grab minimum**

**CN**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Non-Point Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0508**

**Adams Bayou Tidal**

From the confluence with the Sabine River in Orange County to a point 1.1 km (0.7 miles) upstream of IH 10 in Orange County

**AUID: 0508\_01**      *Lower 3 miles of segment*

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      Enterococcus      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**AUID: 0508\_02**      *2 mile reach near Western Avenue*

**Bacteria Geomean**

**NS**      Fecal coliform      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      Fecal coliform      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0508**

**Adams Bayou Tidal**

From the confluence with the Sabine River in Orange County to a point 1.1 km (0.7 miles) upstream of IH 10 in Orange County

**AUID: 0508\_03**      *1 mile reach near Green Avenue*

**Bacteria Geomean**

**NS**      Fecal coliform      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      Fecal coliform      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**AUID: 0508\_04**      *Upper 2 miles of segment*

**Bacteria Geomean**

**NS**      Fecal coliform      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      Fecal coliform      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Low pH**

**CN**      pH      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0508A Adams Bayou Above Tidal (unclassified water body)**  
 From a point 1.1 km (0.7 miles) upstream of IH 10 in Orange County to the upstream perennial portion of the stream northwest of Orange in Orange Count

**AUID: 0508A\_01 Entire bayou above tidal**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source

**SEGID: 0508B Gum Gully (unclassified water body)**  
 From the confluence of Adams Bayou to the upstream perennial portion of the stream northwest of Orange in Orange County

**AUID: 0508B\_01 Entire creek**

**Bacteria Geomean**

**NS** E. coli NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source

**Bacteria Single Sample**

**NS** E. coli NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0508C Hudson Gully (unclassified water body)**  
 From the confluence with Adams Bayou to the headwaters near US 890 in Pinehurst in Orange County

**AUID: 0508C\_01 Entire creek**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Littoral/shore Area Modifications (Non-riverine); NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** Fecal coliform NPS - Littoral/shore Area Modifications (Non-riverine); NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Littoral/shore Area Modifications (Non-riverine); NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Littoral/shore Area Modifications (Non-riverine); NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Littoral/shore Area Modifications (Non-riverine); NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers

**SEGID: 0509 Murvail Lake**  
 From Murvail Dam in Panola County up to the normal pool elevation of 265.3 feet (impounds Murvail Bayou)

**AUID: 0509\_01 Entire reservoir**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source

**SEGID: 0510 Lake Cherokee**  
 From Cherokee Dam in Gregg/Rusk County up to the normal pool elevation of 280 feet (impounds Cherokee Bayou)

**AUID: 0510\_02 Upper 1629 acres of reservoir**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source

**Low pH**

**CN** pH NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0511      Cow Bayou Tidal**  
 From the confluence with the Sabine River in Orange County to a point 4.8 km (3.0 miles) upstream of IH 10 in Orange County

**AUID: 0511\_01      Lower 5 miles**

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; NPS - Waterfowl; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**CN**      Enterococcus      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; NPS - Waterfowl; PS - Municipal Point Source Discharges

**AUID: 0511\_02      6 mile reach near FM 105**

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0511

**Cow Bayou Tidal**

From the confluence with the Sabine River in Orange County to a point 4.8 km (3.0 miles) upstream of IH 10 in Orange County

**AUID:** 0511\_03      *5 mile reach near FM 1442 (north crossing)*

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; NPS - Waterfowl; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Low pH**

**NS**      pH      NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0511      Cow Bayou Tidal**  
 From the confluence with the Sabine River in Orange County to a point 4.8 km (3.0 miles) upstream of IH 10 in Orange County

**AUID: 0511\_04      Upper 4 miles**

**Bacteria Geomean**

**NS**      Fecal coliform      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; NPS - Waterfowl; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**CN**      Fecal coliform      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; NPS - Waterfowl; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Low pH**

**NS**      pH      NPS - Natural Sources; NPS - Non-Point Source

**SEGID: 0511A      Cow Bayou Above Tidal (unclassified water body)**  
 From a point 4.8 km (3.0 miles) upstream of IH 10 in Orange County to the upstream perennial portion of the stream northeast of Vidor in Orange County

**AUID: 0511A\_01      Lower 5.3 miles of above-tidal reach**

**Bacteria Single Sample**

**CN**      Fecal coliform      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; NPS - Waterfowl

**AUID: 0511A\_02      Upper 5.3 miles of above-tidal reach**

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0511B      Coon Bayou (unclassified water body)**  
 From the confluence with Cow Bayou up to the extent of tidal limit in Orange County

**AUID: 0511B\_01      Entire tidal reach**

**Bacteria Geomean**

**NS**      Fecal coliform      NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**Bacteria Single Sample**

**NS**      Fecal coliform      NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**SEGID: 0511C      Cole Creek (unclassified water body)**  
 From the confluence of Cow Bayou west of Orange in Orange County to the upstream perennial portion of the stream south of Mauriceville in Orange Count

**AUID: 0511C\_01      Entire tidal reach**

**Bacteria Single Sample**

**NS**      Fecal coliform      NPS - Aquaculture (Not Permitted); NPS - Aquaculture (Permitted); NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Aquaculture (Not Permitted); NPS - Aquaculture (Permitted); NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Aquaculture (Not Permitted); NPS - Aquaculture (Permitted); NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0511E Terry Gully (unclassified water body)**  
 From the confluence with Cow Bayou in Orange County to the headwaters northeast of Vidor in Orange County

**AUID: 0511E\_01 Entire creek**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**Bacteria Single Sample**

**NS** Fecal coliform NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**Dissolved Oxygen grab minimum**

**CN** Dissolved Oxygen Grab NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source

**SEGID: 0512 Lake Fork Reservoir**  
 From Lake Fork Dam in Wood County up to normal pool elevation of 403 feet (impounds Lake Fork Creek)

**AUID: 0512\_03 Running Creek cove, centering on FM 2966**

**Nutrient Screening Levels**

**CS** Orthophosphorus UNK - Source Unknown

**AUID: 0512\_05 Uppermost 5120 acres of Lake Fork Creek arm**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0512A      Running Creek (unclassified water body)**  
 From the confluence with Lake Fork Reservoir to the headwaters southeast of Martin Springs in Hopkins County

**AUID: 0512A\_01      Entire creek**

**Bacteria Geomean**

**NS**      E. coli      NPS - Animal Feeding Operations (NPS); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Upstream Source; NPS - Wildlife Other than Waterfowl

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Animal Feeding Operations (NPS); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Upstream Source; NPS - Wildlife Other than Waterfowl

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Animal Feeding Operations (NPS); NPS - Grazing in Riparian or Shoreline Zones; NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); NPS - Rangeland Grazing; NPS - Upstream Source

**CS**      Nitrate      NPS - Animal Feeding Operations (NPS); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Upstream Source; NPS - Wildlife Other than Waterfowl

**SEGID: 0512B      Elm Creek (unclassified water body)**  
 From the confluence with Lake Fork Reservoir in Rains County to the headwaters northwest of Shirley in Hopkins County

**AUID: 0512B\_01      Entire creek**

**Bacteria Geomean**

**NS**      Fecal coliform      NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source

**Dissolved Oxygen grab minimum**

**CN**      Dissolved Oxygen Grab      NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source

**SEGID: 0513      Big Cow Creek**  
 From the confluence with the Sabine River in Newton County to a point 4.6 km (2.9 miles) upstream of CR 255 in Newton County

**AUID: 0513\_01      Entire segment**

**Chronic Toxic Substances in water**

**CN**      Lead      NPS - Non-Point Source; NPS - Upstream Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0514      Big Sandy Creek**  
 From the confluence with the Sabine River in Upshur County to a point 2.6 km (1.6 miles) upstream of SH 11 in Hopkins County

**AUID: 0514\_01      From confluence with Sabine River to just upstream of FM 49**

**Bacteria Geomean**

**NS**      E. coli      NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Upstream Source

**AUID: 0514\_02      From just upstream of FM 49 to upper end of segment**

**Bacteria Geomean**

**NS**      E. coli      NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Upstream Source

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Upstream Source

**SEGID: 0601      Neches River Tidal**  
 From the confluence with the Sabine Lake in Orange County to a point 11.3 km (7.0 miles) upstream of IH 10 in Orange County

**AUID: 0601\_01      Lower boundary to top of first oxbow, above Bird Island Bayou confluence at NHD RC 12020003000004**

**Chronic Toxic Substances in water**

**CN**      Malathion      NPS - Pesticide Application; PS - Point Source Unknown

**AUID: 0601\_03      Top of U.S. Nat'l Defense Reserve Fleet Basin to top of last oxbow below Kansas City Southern Railroad bridge 0.44km upstream of NHD RC 12020003000013**

**Bacteria Single Sample**

**CN**      Enterococcus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**AUID: 0601\_04      Top of last oxbow below Kansas City Southern Railroad bridge to saltwater barrier at NHD RC 12020003000017**

**Bacteria Single Sample**

**CN**      Enterococcus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**SEGID: 0601A      Star Lake Canal (unclassified water body)**  
 North of Groves in Jefferson County

**AUID: 0601A\_01      Entire water body**

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN**      Dissolved Oxygen 24hr Min      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0602      Neches River Below B. A. Steinhagen Lake**

From the Neches River Saltwater Barrier, which is at a point 0.8 kilometers (0.5 miles) downstream of the confluence of Pine Island Bayou, Orange County to Town Bluff Dam in Jasper/Tyler County

**AUID: 0602\_01      From the saltwater barrier upstream to confluence with Village Creek 0608 at NHD RC 12020003000025**

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  UNK - Source Unknown

**AUID: 0602\_02      From the confluence with Village Creek 0608 upstream to the confluence with Black Branch NHD RC 12020003000695**

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 0602\_03      From the confluence with Black Branch upstream to confluence with unnamed tributary at NHD RC 12020003000058**

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 0602\_04      From the confluence with unnamed tributary at NHD RC 12020003000058 upstream to Town Bluff Dam**

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**SEGID: 0603      B. A. Steinhagen Lake**

From Town Bluff Dam in Jasper/Tyler County to a point immediately upstream of the confluence of Hopson Mill Creek on the Neches River Arm in Jasper/Tyler County and to a point immediately upstream of the confluence of Indian Creek on the Angelina River Arm in Jasper County, up to the normal pool elevation of 83 feet (impounds Neches River)

**AUID: 0603\_01      Main pool by dam to include all the area below the US HWY 190 bridge**

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

**AUID: 0603\_02      Area above the US HWY 190 bridge to the upper boundaries of the segment at points immediately upstream of confluences Hopson Mill Creek (Neches Arm) and Indian Creek (Angelina Arm)**

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0603A Sandy Creek in Jasper County (unclassified water body)**  
 From the confluence of B.A. Steinhagen Lake southwest of City of Jasper in Jasper County to the confluence of Big and Little Sandy Creeks in City of Jasper in Jasper County

**AUID: 0603A\_01 From the confluence with B.A. Steinhagen Lake upstream to confluence with Little Sandy Creek about 0.5 km downstream of Hwy 776, per WQS App. D**

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Grazing in Riparian or Shoreline Zones

**SEGID: 0603B Wolf Creek (unclassified water body)**  
 From the confluence of B. A. Steinhagen Lake southeast of Colmesneil in Tyler County to the upstream perennial portion of the stream south of Colmesneil in Tyler County

**AUID: 0603B\_01 From the confluence of B.A. Steinhagen Lake upstream to the Lake Amanda dam.**

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Livestock (Grazing or Feeding Operations)

**SEGID: 0604 Neches River Below Lake Palestine**  
 From a point immediately upstream of the confluence of Hopson Mill Creek in Jasper/Tyler County to Blackburn Crossing Dam in Anderson/Cherokee County

**AUID: 0604\_01 Lower boundary to a point immediately upstream of confluence of Biloxi Creek 0604M at NHD RC 12020002001061**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia UNK - Source Unknown

**AUID: 0604\_02 From the confluence of Biloxi Creek (0604M) upstream to the upper confluence of Old River at NHD RC 12020002000037**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 0604\_03 From the upper confluence of Old River upstream to the confluence with Cedar Creek in Cherokee County at NHD RC 12020002000085 near Hargrove Lake**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 0604\_04 From the confluence with Cedar Creek in Cherokee County near Hargrove lake upstream to the confluence with Beech Creek in Anderson County at NHD RC 12020001006717**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0604\_05 From the confluence with Beech Creek in Anderson County upstream to the Blackburn Crossing Dam**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0604A Cedar Creek (unclassified water body)**  
 From the confluence of the Neches River southwest of Lufkin in Angelina County to the upstream perennial portion of the stream in Lufkin in Angelina County

**AUID: 0604A\_02** *From the confluence with Jack Creek (0604C) upstream to confluence with unnamed tributary adjacent to State Loop 287, per App. D in WQS, at NHD RC 12020002000436*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

**SEGID: 0604B Hurricane Creek (unclassified water body)**  
 Perennial stream from the confluence with Cedar Creek to the confluence of two unnamed tributaries 100 meters upstream of SH Loop 287 in Lufkin

**AUID: 0604B\_01** *From the confluence with Cedar Creek (0604A) upstream to confluence with unnamed tributary 100m above State Loop 287 in Lufkin, per WQS App. D, at NHD RC 12020002000043*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**SEGID: 0604C Jack Creek (unclassified water body)**  
 From the confluence of Cedar Creek southwest of Lufkin in Angelina County to the upstream perennial portion of the stream in northeast Lufkin in Angelina County

**AUID: 0604C\_01** *From the confluence with Cedar Creek (0604A) upstream to confluence with unnamed tributary 1.6km SW of US Hwy 69 NW of Lufkin at NHD RC 12020002012470.*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0604D	<b>Piney Creek (unclassified water body)</b>	From the confluence of the Neches River at the Polk/Tyler/Angelina County lines east of Corrigan to the upstream perennial portion of the stream east of Crockett in Houston County
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**AUID:** 0604D\_01 *Middle portion of the stream from the confluence with Bear Creek (0604L) in Polk County upstream to the confluence with Caney Creek (0604O) in Trinity County at NHD RC 12020002000163.*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

<b>SEGID:</b> 0604M	<b>Biloxi Creek (unclassified water body)</b>	From the confluence with the Neches River southeast of Diboll to FM 325 east of Lufkin in Angelina County
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**AUID:** 0604M\_02 *From the confluence with Neches River (0604) upstream to confluence with One Eye Creek in Angelina County SE of Lufkin.*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source

**AUID:** 0604M\_03 *From the confluence with One Eye Creek in Angelina County SE of Lufkin upstream to FM 325 east of Lufkin*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source

**Bacteria Single Sample**

**CN** E. coli NPS - Non-Point Source

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source

**CS** Total Phosphorus NPS - Non-Point Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0604N **Buck Creek (unclassified water body)**

From its confluence with Biloxi Creek south of Huntington to a point 2.1 mi upstream of FM 1475, northwest of Huntington in Angelina County

**AUID:** 0604N\_01 *From the confluence with Biloxi Creek (0604M) upstream to the confluence with Graham Creek (0604E) SW of City of Huntington at NHD RC 12020002000417.*

**Nutrient Screening Levels**

**CS** Ammonia UNK - Source Unknown

**SEGID:** 0604T **Lake Ratcliff (unclassified water body)**

Lake in Houston County 3.4 miles northeast of Kennard

**AUID:** 0604T\_01 *Entire lake*

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0605      Lake Palestine**  
 From Blackburn Crossing Dam in Anderson/Cherokee County to a point 6.7km (4.2 miles) downstream of FM 279 in Henderson/Smith County, up to normal pool elevation of 345 feet (impounds Neches River)

**AUID: 0605\_01      Lower portion of reservoir near dam to the first bend in reservoir**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 0605\_03      Upper mid-lake including Tyler Public Water Supply intake**

**High pH**

**NS**      pH      PS - Municipal Point Source Discharges; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Toxic Substances in sediment**

**CS**      Manganese      NPS - Natural Sources; UNK - Source Unknown

**AUID: 0605\_09      Flat Creek Arm**

**High pH**

**NS**      pH      PS - Municipal Point Source Discharges; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 0605\_10      Upper Lake**

**High pH**

**NS**      pH      PS - Municipal Point Source Discharges; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 0605\_11      From the SH 155 Bridge crossing to the Flat Creek Arm and across the main portion of the lake at the Flat Creek Arm**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Dairies (Outside Milk Parlor Areas); NPS - Non-Point Source; PS - Municipal Point Source Discharges



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0605A	<b>Kickapoo Creek in Henderson County (unclassified water body)</b>	
	From the confluence of Lake Palestine east of Brownsboro in Henderson County to the upstream perennial portion of the stream northeast of Murchison in Henderson County	
<b>AUID:</b> 0605A_01	<i>From the confluence with Lake Palestine (0605) east of Brownsboro in Henderson County to the confluence with Slater Creek (0605E).</i>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	PS - Municipal Point Source Discharges
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	PS - Municipal Point Source Discharges
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	PS - Municipal Point Source Discharges
<b><u>Dissolved Oxygen grab minimum</u></b>		
<b>CN</b>	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; PS - Municipal Point Source Discharges
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; PS - Municipal Point Source Discharges
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Ammonia	PS - Municipal Point Source Discharges
<b>CS</b>	Chlorophyll-a	PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	PS - Municipal Point Source Discharges
<b>AUID:</b> 0605A_02	<i>From the confluence with Slater Creek (0605E) upstream to confluence with unnamed tributary about 1.62 km north of FM 858 in Van Zandt County at NHD RC 12020001000161.</i>	
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Ammonia	PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0606**

**Neches River Above Lake Palestine**

Neches River Above Lake Palestine - from a point 2.2 kilometers (1.4 miles) downstream of SH 31 [6.7 kilometers (4.2 miles) downstream of FM 279] in Henderson/Smith County to Rhines Lake Dam in Van Zandt County

**AUID: 0606\_01**      *From a point approximately 0.06km (0.03 mi) south of St. Louis Southwestern Railroad upstream to the confluence with Prairie Creek (0606A).*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl

**Nutrient Screening Levels**

**CS**                      Nitrate                      NPS - Non-Point Source

**CS**                      Orthophosphorus                      PS - Municipal Point Source Discharges

**AUID: 0606\_02**      *From the confluence with Prairie Creek (0606A) upstream to the Rhines Lake Dam*

**Acute Toxic Substances in water**

**NS**                      Zinc                      UNK - Source Unknown

**Chronic Toxic Substances in water**

**NS**                      Zinc                      UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**CN**                      Dissolved Oxygen 24hr Avg                      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**Dissolved Oxygen grab minimum**

**NS**                      Dissolved Oxygen Grab                      NPS - Non-Point Source; NPS - Rangeland Grazing; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      NPS - Non-Point Source

**Low pH**

**NS**                      pH                      NPS - Non-Point Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0606A Prairie Creek (unclassified water body)**  
 Perennial stream from the confluence with the Neches River to an unnamed tributary approximately 0.6km downstream of the US 69 bridge crossing.

**AUID: 0606A\_01** *From the confluence with Neches River (0606), per WQS App. D first entry for Prairie Creek at NHD RC 12020001000071 in Smith County upstream to the confluence with Black Fork Creek (0606D) at NHD RC 12020001000071 .*

**Bacteria Geomean**

**NS** E. coli NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl; PS - Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**AUID: 0606A\_03** *From the confluence with Caney Creek upstream to confluence with unnamed tributary appx. 0.6 km downstream of the US 69 bridge crossing, which is located appx. 0.6 km south of the City of Lindale, per App. D second line entry*

**Bacteria Geomean**

**NS** E. coli NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl; PS - Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**Nutrient Screening Levels**

**CS** Ammonia PS - Municipal Point Source Discharges; UNK - Source Unknown

**SEGID: 0606D Black Fork Creek (unclassified water body)**  
 Perennial stream from the confluence with Prairie Creek to a point 0.4 km downstream of FM 14 in Tyler

**AUID: 0606D\_02** *From the confluence with unnamed tributary at NHD RC 12020001000072 upstream to a point 0.4km downstream of FM 14 in Tyler, at the confluence with unnamed tributary at NHD RC 12020001000073, per WQS App. D second entry for Black Fork Creek.*

**Nutrient Screening Levels**

**CS** Ammonia PS - Municipal Point Source Discharges; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0607 Pine Island Bayou**  
 From the confluence with the Neches River in Hardin/Jefferson County to FM 787 in Hardin County

**AUID: 0607\_01** *From the confluence with the Neches River upstream to unnamed tributary at NHD RC 12020007001215 that runs through Sherwood Drive in northern City of Beaumont.*

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**AUID: 0607\_02** *From the confluence with unnamed tributary that runs through Sherwood Drive in northern City of Beaumont upstream to the confluence with Black Creek*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**AUID: 0607\_03** *From the confluence with Black Creek upstream to the confluence with Willow Creek (0607C)*

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**AUID: 0607\_04** *From the confluence with Willow Creek (0607C) upstream to the confluence with Mayhaw Slough near oil fields*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0607A Boggy Creek (unclassified water body)**  
 From the confluence of Pine Island Bayou upstream to the confluence with an unnamed tributary 4 km downstream of the crossing of the Southern Pacific Railroad.

**AUID: 0607A\_02** *From the confluence with unnamed tributary 0.39 km downstream of CR 421 upstream to confluence with unnamed tributary 4 km downstream of the crossing of the Southern Pacific Railroad, per WQS App. D, at NHD RC 12020007003034.*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Streambank Modifications/destablization; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Streambank Modifications/destablization; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Streambank Modifications/destablization; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; NPS - Streambank Modifications/destablization; UNK - Source Unknown

**Habitat**

**CS** Habitat NPS - Loss of Riparian Habitat

**SEGID: 0607B Little Pine Island Bayou (unclassified water body)**  
 From the confluence of Pine Island Bayou southwest of Lumberton in Hardin County to the upstream perennial portion of the stream west of Kountze in Hardin County

**AUID: 0607B\_01** *From the confluence with Pine Island Bayou (0607) at the Hardin/Jefferson Counties border upstream to unnamed tributary 1.1 km SE of intersection of FM 770 and FM 787 at NHD RC 12020007000021, same tributary as Big Thicket National Park boundary.*

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Grazing in Riparian or Shoreline Zones

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0607C Willow Creek (unclassified water body)**  
 From the confluence of Pine Island Bayou north of Nome in Jefferson County to the upstream perennial portion of the stream east of Devers in Liberty County

**AUID: 0607C\_01** *From the confluence with Pine Island Bayou (0607) at the State Hwy 326 bridge at NHD RC 12020007000258 upstream to headwaters NE of Devers in Liberty County at NHD RC 12020007000200.*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**SEGID: 0608 Village Creek**  
 From the confluence with the Neches River in Hardin County to Lake Kimble Dam in Hardin County

**AUID: 0608\_01** *From the confluence with Neches River (0602) upstream to confluence with Cypress Creek (0608C)*

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

**AUID: 0608\_02** *From the confluence with Cypress Creek (0608C) upstream to confluence with Beech Creek (0608A)*

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

**Low pH**

**NS** pH NPS - Natural Sources; UNK - Source Unknown

**AUID: 0608\_03** *From the confluence with Beech Creek (0608A) upstream to confluence with Big Sandy Creek and Kimball Creek in Hardin County*

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; NPS - Natural Sources; UNK - Source Unknown

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0608A**      **Beech Creek (unclassified water body)**  
 From the confluence of Village Creek northeast of Kountze in Hardin County to the upstream perennial portion of the stream southeast of Woodville in Tyler County

**AUID: 0608A\_01**      *From the confluence with Village Creek (0608) at NHD RC 12020006000017 upstream to the confluence with Drakes Branch 0.35 km upstream of FM1943 RD E at NHD RC 12020006000025*

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**Low pH**

**CN**                      pH                              NPS - Natural Sources

**AUID: 0608A\_02**      *From the confluence with Drakes Branch upstream to headwaters 0.62 km south of FM 1746 at NHD RC 12020006000035.*

**Habitat**

**CS**                      Habitat                      UNK - Source Unknown

**Low pH**

**CN**                      pH                              NPS - Natural Sources

**SEGID: 0608B**      **Big Sandy Creek (unclassified water body)**  
 From the confluence of Village and Kimball Creeks in Hardin County upstream to headwaters in Polk County

**AUID: 0608B\_04**      *From the confluence with Bear Creek in Polk County upstream to headwaters about 5 km SE of intersection of US Hwy 59 and FM 62 at NHD RC 12020006000133.*

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0608C Cypress Creek (unclassified water body)**  
 From the confluence of Village Creek (0608) east of Kountze in Hardin County to the confluence with Bad Luck Creek northwest of Kountze in Hardin County

**AUID: 0608C\_01** *Upper portion from the confluence with unnamed tributary upstream of Pea Monk Branch upstream to confluence with Bad Luck Creek, per WQS App. D, at NHD RC 12020006000148.*

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Habitat**

**CS** Habitat UNK - Source Unknown

**Low pH**

**CN** pH NPS - Natural Sources

**SEGID: 0608E Mill Creek in Hardin County (unclassified water body)**  
 From the confluence of Village Creek (0608) west of Silsbee in Hardin County upstream to headwaters northwest of Silsbee in Hardin County

**AUID: 0608E\_01** *Entire water body*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Sources; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Sources

**SEGID: 0608F Turkey Creek (unclassified water body)**  
 Perennial stream from the confluence with Village Creek up to 1.6 km above U.S. 69 north of City of Woodville

**AUID: 0608F\_02** *From the confluence with Big Cypress Creek in Tyler County upstream to confluence with unnamed tributary about 1.6 km above U.S. 69 north of City of Woodville, per WQS App. D, at NHD RC 12020006000057*

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Grazing in Riparian or Shoreline Zones; NPS - Livestock (Grazing or Feeding Operations)



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0608G      **Lake Kimball (unclassified water body)**

From Kimble Creek Dam northwest of Kountze in Hardin County to normal pool elevation in Tyler County  
(impounds Kimble and Village Creeks)

**AUID:** 0608G\_01      *Entire lake*

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

**NS**      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0610**

**Sam Rayburn Reservoir**

From Sam Rayburn Dam in Jasper County to a point 5.6 kilometers (3.5 miles) upstream of Marion's Ferry on the Angelina River Arm in Angelina/Nacogdoches County and to a point 3.9 km (2.4 miles) downstream of Curry Creek on the Attoyac Bayou Arm in Nacogdoches/San Augustine County, up to the normal pool elevation of 164 feet (except on the Angelina River Arm) (impounds Angelina River and Attoyac Bayou)

**AUID: 0610\_01**      *Sam Rayburn main pool by the dam to the Bear Creek and Ayish Arms*

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**Toxic Substances in sediment**

**CS**                  Manganese                  UNK - Source Unknown

**AUID: 0610\_02**      *Sam Rayburn lower Angelina River arm*

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**AUID: 0610\_03**      *Sam Rayburn mid-Angelina River arm (area around SH 147)*

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**Toxic Substances in sediment**

**CS**                  Manganese                  UNK - Source Unknown

**CS**                  Iron                  UNK - Source Unknown

**CS**                  Arsenic                  UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0610**

**Sam Rayburn Reservoir**

From Sam Rayburn Dam in Jasper County to a point 5.6 kilometers (3.5 miles) upstream of Marion's Ferry on the Angelina River Arm in Angelina/Nacogdoches County and to a point 3.9 km (2.4 miles) downstream of Curry Creek on the Attoyac Bayou Arm in Nacogdoches/San Augustine County, up to the normal pool elevation of 164 feet (except on the Angelina River Arm) (impounds Angelina River and Attoyac Bayou)

**AUID: 0610\_04 Sam Rayburn upper mid-Angelina River arm**

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**AUID: 0610\_05 Sam Rayburn lower Attoyac Bayou arm**

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**AUID: 0610\_06 Sam Rayburn upper Attoyac Bayou arm**

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 0610\_07 Sam Rayburn upper Angelina arm**

**Bioaccumulative Toxics in fish tissue**

**CS** Mercury NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0610      Sam Rayburn Reservoir**

From Sam Rayburn Dam in Jasper County to a point 5.6 kilometers (3.5 miles) upstream of Marion's Ferry on the Angelina River Arm in Angelina/Nacogdoches County and to a point 3.9 km (2.4 miles) downstream of Curry Creek on the Attoyac Bayou Arm in Nacogdoches/San Augustine County, up to the normal pool elevation of 164 feet (except on the Angelina River Arm) (impounds Angelina River and Attoyac Bayou)

**AUID: 0610\_08      Sam Rayburn Bear Creek arm**

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**AUID: 0610\_09      Sam Rayburn lower Ayish Bayou arm**

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

**AUID: 0610\_10      Sam Rayburn upper Ayish Bayou arm**

**Bioaccumulative Toxics in fish tissue**

**CS**                  Mercury                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

**NS**                  Restricted-Consumption                  NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0610A      Ayish Bayou (unclassified water body)**  
 Perennial stream from the headwaters of Sam Rayburn Reservoir to the dam impounding Bland Lake approximately 0.1km upstream of FM 1279 near the City of San Augustine

**AUID: 0610A\_01      *From the headwaters of Sam Rayburn Reservoir, per WQS App. D, about 2.4 km north of FM 83 upstream to confluence with unnamed tributary about 0.4 km SW of intersection of SH 147 and AT and SF Railroad at NHD RC 12020005000036.***

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Ammonia                      UNK - Source Unknown

**AUID: 0610A\_02      *From the confluence with unnamed tributary about 0.4 km SW of intersection of SH 147 and AT and SF Railroad in the City of San Augustine upstream to the Bland Lake dam, per WQS App. D.***

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 0611      Angelina River Above Sam Rayburn Reservoir**  
 From the aqueduct crossing 1.0 kilometer (0.6 mile) upstream of the confluence of Paper Mill Creek in Angelina/Nacogdoches County to the confluence of Barnhardt Creek and Mill Creek at FM 225 in Rusk County

**AUID: 0611\_01      *From the aqueduct crossing upstream to the confluence with Old River Channel in Nacogdoches County about 2.8 km downstream of County Hwy 2625 at NHD RC 12020004000039.***

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      UNK - Source Unknown

**AUID: 0611\_03      *From a point immediately upstream of the confluence with Mud Creek (0611C) upstream to the confluence with East Fork Angelina River (0611A)***

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**                      Ammonia                      UNK - Source Unknown

**AUID: 0611\_04      *From a point immediately upstream of confluence with East Fork Angelina River (0611A) upstream to confluence with Barnhardt and Mill Creeks.***

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0611A**      **East Fork Angelina River (unclassified water body)**  
 From the confluence of the Angelina River at the Rusk/Nacogdoches county line upstream to the confluence with Wooten Creek in Rusk County

**AUID: 0611A\_01**      *From the confluence with Angelina River (0611) at Rusk/Nacogdoches county line upstream to confluence with Beech Creek (0611J) in Rusk County*

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**SEGID: 0611B**      **La Nana Bayou (unclassified water body)**  
 From the confluence of the Angelina River south of Nacogdoches in Nacogdoches County to the upstream perennial portion of the stream north of Nacogdoches in Nacogdoches County

**AUID: 0611B\_01**      *From the confluence with Angelina River (0611), per WQS App. D, upstream to State Loop 224 in City of Nacogdoches*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**                      Nitrate                      UNK - Source Unknown

**CS**                      Ammonia                      UNK - Source Unknown

**CS**                      Orthophosphorus                      UNK - Source Unknown

**CS**                      Total Phosphorus                      UNK - Source Unknown

**AUID: 0611B\_02**      *From the upstream side of State Loop 224 upstream to FM 1878 in City of Nacogdoches, per WQS App. D.*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0611C      Mud Creek (unclassified water body)**  
 Perennial stream from the confluence with the Angelina River upstream to a point immediately upstream of the confluence of Prairie Creek in Smith County

**AUID: 0611C\_01      *From the confluence with Angelina River (0611), per WQS App. D, at the Cherokee and Nacogdoches county line south of City of Reklaw upstream to top of channelized/dredged portion about 2.3 km south of US hwy 79 at -95.150452N/31.956933W***

**Bacteria Geomean**

**NS**      E. coli      NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**Nutrient Screening Levels**

**CS**      Ammonia      UNK - Source Unknown

**AUID: 0611C\_02      *From a point immediately upstream of channelized/dredged portion about 2.3 km south of US hwy 79 at -95.150452N/31.956933W upstream to confluence with Prairie Creek in Smith County, per WQS App. D***

**Nutrient Screening Levels**

**CS**      Ammonia      UNK - Source Unknown

**SEGID: 0611D      West Mud Creek (unclassified water body)**  
 Perennial stream from the confluence with Mud Creek in Cherokee County to the confluence of an unnamed tributary 300 meters upstream of the most northern crossing of US 69 (approximately 2.25 km south of the intersection of Loop 323) in the City of Tyler, per WQS App. D

**AUID: 0611D\_01      *From the confluence with Mud Creek (0611C), per WQS App. D, upstream to confluence with unnamed tributary about 75 m north of WWTP in City of Tyler at NHD RC 12020004000212.***

**Bacteria Geomean**

**NS**      E. coli      NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl

**Nutrient Screening Levels**

**CS**      Ammonia      UNK - Source Unknown

**CS**      Total Phosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 0611D\_02      *From the confluence with unnamed tributary about 75 m north of WWTP in City of Tyler upstream to confluence of unnamed tributary about 300 meters upstream of the most northern crossing of US 69 in City of Tyler, per WQS App. D, at NHD RC 12020004000212.***

**Bacteria Geomean**

**NS**      E. coli      NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      E. coli      NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl

**Nutrient Screening Levels**

**CS**      Ammonia      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0611Q Lake Nacogdoches (unclassified water body)**  
 Located approximately 10 miles west of Nacogdoches in Nacogdoches County

**AUID: 0611Q\_01 Entire water body**

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source

**SEGID: 0611R Lake Striker (unclassified water body)**  
 From the dam approximately 0.5 mile west of CR2430 to the north end of the lake south of US HWY 79 in Rusk County north of Reklaw.

**AUID: 0611R\_01 Entire water body**

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source

**SEGID: 0612 Attoyac Bayou**  
 From a point 3.9 km (2.4 miles) downstream of Curry Creek in Nacogdoches/San Augustine County to FM 95 in Rusk County

**AUID: 0612\_01 From the lower boundary approximately at confluence with Granberry Branch upstream to confluence with Polly Branch.**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**CN** E. coli NPS - Non-Point Source

**AUID: 0612\_02 From a point immediately upstream of Polly Branch confluence upstream to confluence with Bear Bayou.**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Ammonia UNK - Source Unknown

**AUID: 0612\_03 From a point immediately upstream of Bear Bayou upstream to upper boundary at FM 95.**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source

**Nutrient Screening Levels**

**CS** Ammonia UNK - Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0615      Angelina River/Sam Rayburn Reservoir**  
 The riverine portion of Sam Rayburn Reservoir from a point 5.6 kilometers (3.5 miles) upstream of Marion's Ferry to the aqueduct crossing 1.0 kilometer (0.6 mile) upstream of the confluence of Paper Mill Creek

**AUID: 0615\_01      Entire water body**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

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

**NS**      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Fish Community**

**NS**      Fish Community      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Total Phosphorus      UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**SEGID: 0615A      Paper Mill Creek (unclassified water body)**  
 From the confluence with Angelina River/Sam Rayburn Reservoir (0615) upstream to confluence with Mill Creek (0615B)

**AUID: 0615A\_01      From the confluence of Angelina River/Sam Rayburn (0615) upstream to confluence with Mill Creek (0615B)**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab minimum**

**CN**      Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0701 Taylor Bayou/North Fork Taylor Bayou Above Tidal**  
 From the saltwater lock 7.7 km (4.8 miles) downstream of SH 73 in Jefferson County to the Lower Neches Valley Authority Canal in Jefferson County

**AUID: 0701\_01** *From the saltwater lock 7.7 km (4.8 miles) downstream of SH 73 in Jefferson County, per WQS App. C, upstream to the confluence with Hillebrandt Bayou (0704).*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Natural Sources; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0701\_02** *From the confluence with Hillebrandt Bayou upstream to confluences with North Fork Taylor Bayou and South Fork Bayou.*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**SEGID: 0701D Shallow Prong Lake (unclassified water body)**  
 Widest upper portion of Big Hill Bayou about 2.0 km (1.26 miles) north of Blind Lake

**AUID: 0701D\_01** *Portion of Big Hill Bayou, Shallow Prong portion of NHD RC 12040201006920*

**Bioaccumulative Toxics in fish tissue**

**CS** Arsenic UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Sources; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0702 Intracoastal Waterway Tidal**  
 From the confluence with Galveston Bay at Port Bolivar in Galveston County to the confluence with the Sabine-Neches Canal in Jefferson County (including Taylor Bayou Tidal from the confluence with the Intracoastal Waterway up to the saltwater lock 7.7 km

**AUID: 0702\_01 From the confluence with Sabine-Neches Canal Tidal (0703) to eastern most boundary of East Bay**

**Bacteria Single Sample**

**CN** Enterococcus UNK - Source Unknown

**AUID: 0702\_02 Taylor Bayou tidal from the confluence with the Intracoastal Waterway Tidal to the saltwater barriers.**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0702\_03 From the eastern most boundary of East Bay to Port Bolivar**

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**SEGID: 0702A Alligator Bayou and Main Canals A, B, C, and D (unclassified water body)**  
 All perennial canals in Jefferson County Drainage District No. 7 that eventually drain into the tidal portion of Taylor Bayou at the pump house gate, including Alligator Bayou.

**AUID: 0702A\_01 From Taylor Bayou Tidal (0702) to confluence with Main Canal D above SH 82.**

**Fish Community**

**CS** Fish Community NPS - Petroleum/natural Gas Activities; PS - Industrial Point Source Discharge

**LOE Toxic Sediment condition**

**NS** Sediment Toxicity (LOE) NPS - Petroleum/natural Gas Activities; PS - Industrial Point Source Discharge; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Petroleum/natural Gas Activities; UNK - Source Unknown

**Toxic Substances in sediment**

**CS** Chrysene NPS - Petroleum/natural Gas Activities; PS - Industrial Point Source Discharge; UNK - Source Unknown

**CS** Lead NPS - Petroleum/natural Gas Activities; PS - Industrial Point Source Discharge; UNK - Source Unknown

**AUID: 0702A\_02 Alligator Bayou from confluence with Main Canal D upstream to include small canals that drain into Alligator Bayou**

**Acute Ambient Toxicity tests in water**

**NS** Water Acute Toxicity NPS - Petroleum/natural Gas Activities; PS - Industrial Point Source Discharge; UNK - Source Unknown

**AUID: 0702A\_03 Main Canal D from the confluence with Alligator Bayou at SH 82 upstream to about 0.35 km upstream of confluence with Canal A**

**Acute Ambient Toxicity tests in water**

**NS** Water Acute Toxicity NPS - Petroleum/natural Gas Activities; PS - Industrial Point Source Discharge; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0704      Hillebrandt Bayou**  
 From the confluence of Taylor Bayou in Jefferson County to a point 100 meters (110 yards) upstream of SH 124 in Jefferson County

**AUID: 0704\_01      From the confluence with Taylor Bayou Above Tidal (0701) upstream to confluence with Willow Marsh Bayou (0704A)**

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Unspecified Urban Stormwater; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Unspecified Urban Stormwater; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

**AUID: 0704\_02      From the confluence with Willow Marsh Bayou (0704A) upstream to a point 100 meters (110 yards) upstream of SH 124 in Jefferson County**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Ammonia      UNK - Source Unknown

**SEGID: 0801      Trinity River Tidal**  
 From the confluence with Anahuac Channel in Chambers County to a point 3.1 km (1.9 miles) downstream of US 90 in Liberty County

**AUID: 0801\_01      Lower 25 miles of segment**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0801B Old River (unclassified water body)**

From IH 10 in Chambers County to approximately 9 miles upstream of confluence with Cherry Point Gully.

**AUID: 0801B\_01 Entire Segment**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**SEGID: 0801C Cotton Bayou (unclassified water body)**

From the confluence of Cotton Lake southeast of Mont Belvieu in Chambers County upstream to a point (NHD RC 12040203000496) approximately 1 mile north of IH 10 in Chambers County

**AUID: 0801C\_01 Entire Segment**

**Bacteria Geomean**

**NS** Enterococcus UNK - Source Unknown

**Bacteria Single Sample**

**NS** Enterococcus UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Total Phosphorus UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Nitrate UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0802**      **Trinity River Below Lake Livingston**  
 From a point 3.1 km (1.9 miles) downstream of US 90 in Liberty County to Livingston Dam in Polk/San Jacinto County

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

**Nutrient Screening Levels**

**CS**              Chlorophyll-a              PS - Point Source Unknown; UNK - Source Unknown

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

**High pH**

**CN**              pH                              UNK - Source Unknown

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

**Nutrient Screening Levels**

**CS**              Chlorophyll-a              PS - Point Source Unknown; UNK - Source Unknown

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

**Nutrient Screening Levels**

**CS**              Chlorophyll-a              PS - Point Source Unknown; UNK - Source Unknown

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

**Nutrient Screening Levels**

**CS**              Chlorophyll-a              PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 0802D**      **Menard Creek (unclassified water body)**  
 From the confluence with segment 0802 of the Trinity River up to the confluence with Meetinghouse Creek.

**AUID: 0802D\_01**      *Entire water body*

**Bacteria Geomean**

**CN**              E. coli                              UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0803**

**Lake Livingston**

From Livingston Dam in Polk/San Jacinto County to a point 1.8 km (1.1 miles) upstream of Boggy Creek in Houston/Leon County, up to normal pool elevation of 131 feet (impounds Trinity River)

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

**Dissolved Solids**

**NS**                      Sulfate                      UNK - Source Unknown

**High pH**

**NS**                      pH                              PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Nitrate                      UNK - Source Unknown

**CS**                      Orthophosphorus                      UNK - Source Unknown

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

**Dissolved Solids**

**NS**                      Sulfate                      UNK - Source Unknown

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

**Dissolved Solids**

**NS**                      Sulfate                      UNK - Source Unknown

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

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      UNK - Source Unknown

**Dissolved Solids**

**NS**                      Sulfate                      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Nitrate                      UNK - Source Unknown

**CS**                      Orthophosphorus                      UNK - Source Unknown

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

**Dissolved Solids**

**NS**                      Sulfate                      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Orthophosphorus                      UNK - Source Unknown

**CS**                      Chlorophyll-a                      PS - Point Source Unknown; UNK - Source Unknown

**CS**                      Total Phosphorus                      PS - Point Source Unknown; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0803**

**Lake Livingston**

From Livingston Dam in Polk/San Jacinto County to a point 1.8 km (1.1 miles) upstream of Boggy Creek in Houston/Leon County, up to normal pool elevation of 131 feet (impounds Trinity River)

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

**Dissolved Solids**

**NS**                      Sulfate                      UNK - Source Unknown

**High pH**

**NS**                      pH                              PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Chlorophyll-a              PS - Point Source Unknown; UNK - Source Unknown

**CS**                      Nitrate                        UNK - Source Unknown

**CS**                      Orthophosphorus            UNK - Source Unknown

**CS**                      Total Phosphorus            PS - Point Source Unknown; UNK - Source Unknown

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

**Dissolved Solids**

**NS**                      Sulfate                        UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Chlorophyll-a              PS - Point Source Unknown; UNK - Source Unknown

**CS**                      Total Phosphorus            PS - Point Source Unknown; UNK - Source Unknown

**CS**                      Orthophosphorus            UNK - Source Unknown

**CS**                      Nitrate                        UNK - Source Unknown

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

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Solids**

**NS**                      Sulfate                        UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Nitrate                        UNK - Source Unknown

**CS**                      Orthophosphorus            UNK - Source Unknown

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

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Solids**

**NS**                      Sulfate                        UNK - Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0803      Lake Livingston**  
 From Livingston Dam in Polk/San Jacinto County to a point 1.8 km (1.1 miles) upstream of Boggy Creek in Houston/Leon County, up to normal pool elevation of 131 feet (impounds Trinity River)

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

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      UNK - Source Unknown

**Dissolved Solids**

**NS**      Sulfate      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**CS**      Total Phosphorus      PS - Point Source Unknown; UNK - Source Unknown

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

**Dissolved Solids**

**NS**      Sulfate      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**CS**      Total Phosphorus      PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0803\_12      Remainder of reservoir**

**Dissolved Solids**

**NS**      Sulfate      UNK - Source Unknown

**SEGID: 0803A      Harmon Creek (unclassified water body)**  
 From the confluence with Lake Livingston (normal pool elevation of 131 feet) to the confluence of East Fork Harmon Creek east of Huntsville in Walker County

**AUID: 0803A\_01      A 16 mile (25.7 KM) stretch of Harmon Creek extending from Lake Livingston (normal pool elevation of 131 feet) upstream to the confluence of East Fork Harmon Creek.**

**Nutrient Screening Levels**

**CS**      Total Phosphorus      UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**CS**      Nitrate      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0803B      White Rock Creek (unclassified water body)**  
 From the confluence of Lake Livingston northeast of Trinity in Trinity County to the upstream perennial portion of the stream east of Lovelady in Houston County

**AUID: 0803B\_01      lower 25 miles of segment**

**Nutrient Screening Levels**

**CS**              Chlorophyll-a              UNK - Source Unknown

**SEGID: 0803E      Nelson Creek (unclassified water body)**  
 From the confluence with segment 0803 Trinity River, to upper end of Nelson Creek NHD RC 12030202005424

**AUID: 0803E\_01      Entire water body.**

**Acute Toxic Substances in water**

**CN**              Copper                      UNK - Source Unknown

**Chronic Toxic Substances in water**

**CN**              Copper                      UNK - Source Unknown

**CN**              Lead                         UNK - Source Unknown

**SEGID: 0803F      Bedias Creek (unclassified water body)**  
 From the confluence with segment 0803 Trinity River, to upper end of Bedias Creek, NHD RC 12030202000350

**AUID: 0803F\_01      From the confluence with segment 0803 Trinity River up to confluence with Poole Creek (NHD RC 12030202000572)**

**Bacteria Geomean**

**CN**              E. coli                      UNK - Source Unknown

**AUID: 0803F\_02      From the confluence with Poole Creek (NHD RC 12030202000572) to upper end of NHD RC Bedias Creek (NHD RC 12030202000350)**

**Acute Toxic Substances in water**

**CN**              Zinc                         UNK - Source Unknown

**Chronic Toxic Substances in water**

**CN**              Zinc                         UNK - Source Unknown

**SEGID: 0803G      Lake Madisonville (unclassified water body)**  
 From Lake Madisonville Dam in Madison County up to the normal pool elevation of 285 feet (impounds Town Branch)

**AUID: 0803G\_01      Entire water body**

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

**NS**              Restricted-Consumption      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0804 Trinity River Above Lake Livingston**

From a point 1.8 km (1.1 miles) upstream of Boggy Creek in Houston/Leon County to a point immediately upstream of the confluence of the Cedar Creek Reservoir discharge canal in Henderson/Navarro County

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

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	PS - Point Source Unknown; UNK - Source Unknown
<b>CS</b>	Total Phosphorus	UNK - Source Unknown
<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Orthophosphorus	UNK - Source Unknown

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

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	PS - Point Source Unknown; UNK - Source Unknown
<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Orthophosphorus	UNK - Source Unknown
<b>CS</b>	Total Phosphorus	UNK - Source Unknown

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

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Orthophosphorus	UNK - Source Unknown

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

**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	UNK - Source Unknown
<b>CS</b>	Total Phosphorus	UNK - Source Unknown
<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Chlorophyll-a	PS - Point Source Unknown; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0804**      **Trinity River Above Lake Livingston**

From a point 1.8 km (1.1 miles) upstream of Boggy Creek in Houston/Leon County to a point immediately upstream of the confluence of the Cedar Creek Reservoir discharge canal in Henderson/Navarro County

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

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

**NS**      Restricted and No-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**NS**      Restricted and No-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS**                      Nitrate                      UNK - Source Unknown

**CS**                      Orthophosphorus                      UNK - Source Unknown

**CS**                      Total Phosphorus                      UNK - Source Unknown

**CS**                      Chlorophyll-a                      PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 0804G**      **Catfish Creek (unclassified water body)**

Twenty mile stretch of Catfish Creek running upstream from US 287 in Anderson Co., to Catfish Creek Ranch Lake just upstream of SH 19 in Henderson Co.

**AUID: 0804G\_01**      *Entire Segment*

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS**                      Dissolved Oxygen 24hr Avg                      UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS**                      Dissolved Oxygen 24hr Min                      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**Macrobenthic Community**

**CN**                      Macrobenthic Community                      UNK - Source Unknown

**SEGID: 0804H**      **Upper Keechi Creek (unclassified water body)**

From confluence with segment 0804 Trinity River to the upper end of NHD stream Upper Keechi Creek (NHD RC 12030201001075)

**AUID: 0804H\_01**      *From the confluence with segment 0804 Trinity River up to confluence with Twin Branch (NHD RC 12030201027099)*

**Dissolved Oxygen 24hr average**

**NS**                      Dissolved Oxygen 24hr Avg                      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**Dissolved Oxygen 24hr minimum**

**NS**                      Dissolved Oxygen 24hr Min                      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 0804J      **Fairfield Lake (unclassified water body)**  
Impounded Big Brown Creek in Freestone County

**AUID:** 0804J\_01      *Entire segment*

**Fish Kill Reports**

**CN**      Fish Kill Reports      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 0805	<b>Upper Trinity River</b>
From a point immediately upstream of the confluence of the Cedar Creek Reservoir discharge canal in Henderson/Navarro County to a point immediately upstream of the confluence of Elm Fork Trinity River in Dallas County	

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

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

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**NS** Restricted and No-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Total Phosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Chlorophyll-a NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

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

**Bacteria Single Sample**

**CN** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges

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

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Chlorophyll-a NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**CS** Total Phosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0805**

**Upper Trinity River**

From a point immediately upstream of the confluence of the Cedar Creek Reservoir discharge canal in Henderson/Navarro County to a point immediately upstream of the confluence of Elm Fork Trinity River in Dallas County

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

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

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

**NS**    Restricted and No-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**NS**    Restricted and No-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS**                      Chlorophyll-a                      NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**CS**                      Total Phosphorus                      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS**                      Nitrate                      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS**                      Orthophosphorus                      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

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

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Non-Point Source; PS - Municipal Point Source Discharges

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

**NS**    Restricted and No-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**NS**    Restricted and No-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS**                      Nitrate                      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS**                      Chlorophyll-a                      NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**CS**                      Total Phosphorus                      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS**                      Orthophosphorus                      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0805      Upper Trinity River**  
 From a point immediately upstream of the confluence of the Cedar Creek Reservoir discharge canal in Henderson/Navarro County to a point immediately upstream of the confluence of Elm Fork Trinity River in Dallas County

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

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

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS**            Nitrate                                    NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS**            Orthophosphorus                        NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS**            Total Phosphorus                        NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**SEGID: 0806      West Fork Trinity River Below Lake Worth**  
 From a point immediately upstream of the confluence of Village Creek in Tarrant County to Lake Worth Dam in Tarrant County

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

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

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS**            Chlorophyll-a                            UNK - Source Unknown

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

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

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**SEGID: 0806A      Fosdic Lake (unclassified water body)**  
 From Fosdic Lake Dam to the reservoir headwaters in Oakland Lake Park in Tarrant County

**AUID: 0806A\_01      Entire lake**

**Bioaccumulative Toxics in fish tissue**

**CS**            Arsenic                                    NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

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

**NS**    Restricted-Consumption            NPS - Non-Point Source; PS - Point Source Unknown



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0806B**      **Echo Lake (unclassified water body)**  
 From Echo Lake Dam to the reservoirs headwaters in Tarrant County

**AUID: 0806B\_01**      *Entire lake*

Bioaccumulative Toxics in fish tissue

**CS**                  Arsenic                  NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

DSHS Advisories, Closures, and Risk Assessments

**NS**                  Aquatic Life Closure                  UNK - Source Unknown

**SEGID: 0806D**      **Marine Creek (unclassified water body)**  
 Two mile stretch of Marine Creek running upstream from confluence with the W. Fork of Trinity River to Tennile Bridge Road in Fort Worth.

**AUID: 0806D\_01**      *Marine Creek from the confluence with W. Fork Trinity River 2 miles upstream to Tennile Bridge Rd. in Ft. Worth*

Bacteria Geomean

**NS**                  E. coli                  UNK - Source Unknown

Bacteria Single Sample

**NS**                  E. coli                  UNK - Source Unknown

**SEGID: 0806E**      **Sycamore Creek (unclassified water body)**  
 Five mile stretch of Sycamore Creek running upstream from confluence with the W. Fork of Trinity River to confluence with Echo Lake Tributary in Fort Worth.

**AUID: 0806E\_01**      *Five mile stretch of Sycamore Creek running upstream from confluence with the W. Fork of Trinity River to confluence with Echo Lake Tributary in Fort Worth*

Bacteria Geomean

**NS**                  E. coli                  UNK - Source Unknown

Bacteria Single Sample

**NS**                  E. coli                  UNK - Source Unknown

**SEGID: 0806F**      **Little Fossil Creek (unclassified water body)**  
 A 13.7 mile stretch of Little Fossil Creek running upstream from confluence with segment 0806 W. Fork Trinity River upstream to upper end (NHD RC Reach Code of NHD RC stream Little Fossil Creek).

**AUID: 0806F\_01**      *Entire water body.*

Bacteria Geomean

**CN**                  E. coli                  NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

**SEGID: 0807**      **Lake Worth**  
 From Lake Worth Dam in Tarrant County to a point 4.0 km (2.5 miles) downstream of Eagle Mountain Dam in Tarrant County, up to normal pool elevation of 594.3 feet (impounds West Fork Trinity River)

**AUID: 0807\_01**      *Entire reservoir*

DSHS Advisories, Closures, and Risk Assessments

**NS**      Restricted and No-Consumption      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0809 Eagle Mountain Reservoir**  
 From Eagle Mountain Dam in Tarrant County to a point 0.6 km (0.4 miles) downstream of the confluence of Oates Branch in Wise County up to normal pool elevation of 649.1 feet (impounds West Fork Trinity River)

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

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0809\_03 Ash Creek cove**

**Nutrient Screening Levels**

**CS** Ammonia PS - Point Source Unknown; UNK - Source Unknown

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

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

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

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0809\_09 Indian Creek cove**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

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

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

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

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

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

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0810 West Fork Trinity River Below Bridgeport Reservoir**  
 From a point 0.6 km (0.4 miles) downstream of the confluence of Oates Branch in Wise County to Bridgeport Dam in Wise County

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

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0810A Big Sandy Creek (unclassified water body)**  
 Fifteen mile stretch of Sycamore Creek running upstream from confluence with Waggoner Creek to FM 1810, west of Alvord, Wise County

**AUID: 0810A\_01 Fifteen mile stretch of Big Sandy Creek running from confluence with Waggoner Creek to FM 1810 West of Alvord, Wise Co.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0810B Garrett Creek (unclassified water body)**  
 Eighteen mile stretch of Garrett Creek running upstream from confluence with Salt Creek to Wise County Road approximately 14 miles upstream of SH114, Wise County

**AUID: 0810B\_01 Eighteen mile stretch of Garrett Creek running upstream from confluence with Salt Creek to Wise County Road approximately 14 miles upstream of SH114, Wise Co.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0810C Martin Branch (unclassified water body)**  
 The eight mile stretch of Martin Branch running upstream from confluence with Center Creek to FM 730 south of Decatur, Wise County.

**AUID: 0810C\_01 Eight mile stretch of Martin Branch running upstream from confluence with Center Creek to FM 730 south of Decatur, Wise County.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0810D      Salt Creek (unclassified water body)**  
 Eleven mile stretch of Salt Creek running upstream from confluence with Garrett Creek, Wise County.

**AUID: 0810D\_01      *Eleven mile stretch of Salt Creek running upstream from confluence with Garrett Creek, Wise County.***

**Bacteria Single Sample**

**NS**                  E. coli                  UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  UNK - Source Unknown

**SEGID: 0812      West Fork Trinity River Above Bridgeport Reservoir**  
 From a point immediately upstream of the confluence of Bear Hollow in Jack County to SH 79 in Archer County

**AUID: 0812\_01      *Lower 25 miles of segment***

**Dissolved Oxygen grab minimum**

**NS**                  Dissolved Oxygen Grab                  NPS - Non-Point Source; PS - Point Source Unknown

**Dissolved Solids**

**NS**                  Chloride                  NPS - Non-Point Source; PS - Point Source Unknown

**AUID: 0812\_02      *Upper 60 miles of segment***

**Dissolved Solids**

**NS**                  Chloride                  NPS - Non-Point Source; PS - Point Source Unknown

**SEGID: 0814      Chambers Creek Above Richland-Chambers Reservoir**  
 From a point 4.0 km (2.5 miles) downstream of Tupelo Branch in Navarro County to the confluence of North Fork Chambers Creek and South Fork Chambers Creek

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

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Total Phosphorus                  PS - Point Source Unknown; UNK - Source Unknown

**CS**                  Chlorophyll-a                  PS - Point Source Unknown; UNK - Source Unknown

**CS**                  Orthophosphorus                  PS - Point Source Unknown; UNK - Source Unknown

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

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Orthophosphorus                  PS - Point Source Unknown; UNK - Source Unknown

**CS**                  Total Phosphorus                  PS - Point Source Unknown; UNK - Source Unknown

**CS**                  Chlorophyll-a                  PS - Point Source Unknown; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0815

**Bardwell Reservoir**

From Bardwell Dam in Ellis County up to the normal pool elevation of 421 feet (impounds Waxahachie Creek)

*AUID: 0815\_01 Entire reservoir*

Nutrient Screening Levels

CS Nitrate UNK - Source Unknown

SEGID: 0815A

**Waxahachie Creek (unclassified water body)**

Perennial stream from the confluence with Bardwell Reservoir (normal pool elevation 421 feet) to the headwaters west of Waxahachie in Ellis County

*AUID: 0815A\_01 Entire creek*

Nutrient Screening Levels

CS Nitrate UNK - Source Unknown

SEGID: 0817

**Navarro Mills Lake**

From Navarro Mills Dam in Navarro County up to normal pool elevation of 424.5 feet (impounds Richland Creek)

*AUID: 0817\_01 Entire reservoir*

Nutrient Screening Levels

CS Nitrate UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 0818	<b>Cedar Creek Reservoir</b>	
	From Joe B. Hoggsett Dam in Henderson County up to normal pool elevation of 322 feet (impounds Cedar Creek)	
<b>AUID:</b> 0818_01	<i>Lowermost portion of the reservoir, adjacent to the dam.</i>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 0818_02	<i>Caney Creek cove</i>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Ammonia	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 0818_03	<i>Clear Creek cove</i>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 0818_04	<i>Lower portion of reservoir east of Key Ranch Estates</i>	
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 0818_05	<i>Cove off lower portion of reservoir adjacent to Clearview Estates</i>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Ammonia	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 0818_06	<i>Middle portion of reservoir downstream of Twin Creeks cove</i>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 0818_07	<i>Twin Creeks cove</i>	
<b>High pH</b>		
<b>NS</b>	pH	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0818 Cedar Creek Reservoir**  
 From Joe B. Hoggsett Dam in Henderson County up to normal pool elevation of 322 feet (impounds Cedar Creek)

**AUID: 0818\_08 Prairie Creek cove**

**High pH**

**NS** pH NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

**CS** Ammonia PS - Point Source Unknown; UNK - Source Unknown

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

**High pH**

**NS** pH NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0818\_10 Lacy Fork cove**

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

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

**High pH**

**NS** pH NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

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

**High pH**

**NS** pH NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0818\_13 Cedar Creek cove**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Ammonia PS - Point Source Unknown; UNK - Source Unknown

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0819**      **East Fork Trinity River**  
 From the confluence with the Trinity River in Kaufman County to Rockwall-Forney Dam in Kaufman County

**AUID: 0819\_01**      *Entire segment*

**Dissolved Solids**

<b>NS</b>	Total Dissolved Solids	PS - Point Source Unknown; UNK - Source Unknown
<b>NS</b>	Chloride	PS - Point Source Unknown; UNK - Source Unknown
<b>NS</b>	Sulfate	PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

<b>CS</b>	Ammonia	PS - Point Source Unknown; UNK - Source Unknown
<b>CS</b>	Chlorophyll-a	PS - Point Source Unknown; UNK - Source Unknown
<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Orthophosphorus	UNK - Source Unknown
<b>CS</b>	Total Phosphorus	UNK - Source Unknown

**SEGID: 0819B**      **Buffalo Creek (unclassified water body)**  
 Perennial stream from the confluence with the East Fork Trinity River up to 0.6 km above the confluence of Little Buffalo Creek

**AUID: 0819B\_01**      *Entire water body.*

**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Crop Production (Crop Land or Dry Land); PS - Municipal Point Source Discharges
<b>CS</b>	Nitrate	NPS - Crop Production (Crop Land or Dry Land); PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Crop Production (Crop Land or Dry Land); PS - Municipal Point Source Discharges



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0820**      **Lake Ray Hubbard**  
 From Rockwall-Forney Dam in Kaufman County to Lavon Dam in Collin County, up to normal pool elevation of 435.5 feet (impounds East Fork Trinity River)

**AUID: 0820\_01**      *Lower portion of East Fork arm, centering on IH 30*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	UNK - Source Unknown
<b>CS</b>	Nitrate	PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0820\_02**      *Middle portion of East Fork arm, centering on SH 66*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	UNK - Source Unknown
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**AUID: 0820\_04**      *Lower portion of main body of reservoir extending up from dam to Yankee Cr. Arm.*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	PS - Point Source Unknown; UNK - Source Unknown
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**AUID: 0820\_05**      *Mid-reservoir, I30 crossing Rowlett Cr. Arm to Yankee Cr. Arm*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	PS - Point Source Unknown; UNK - Source Unknown
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**SEGID: 0820B**      **Rowlett Creek (unclassified water body)**  
 Perennial stream from the normal pool elevation of 435.5 feet of Lake Ray Hubbard to the Parker Road crossing

**AUID: 0820B\_01**      *Entire water body*

**Bacteria Geomean**

<b>CN</b>	E. coli	NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	PS - Municipal Point Source Discharges
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**SEGID: 0820C**      **Muddy Creek (unclassified water body)**  
 From the confluence with Lake Ray Hubbard, in Dallas County, to the headwaters east of Allen, in Collin County

**AUID: 0820C\_01**      *Entire creek*

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	UNK - Source Unknown
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0821      Lake Lavon**  
 From Lavon Dam in Collin County, up to normal pool elevation of 492 feet (impounds East Fork Trinity River)

**AUID: 0821\_01      Lowermost portion of reservoir**

**Nutrient Screening Levels**

**CS**                      Nitrate                      UNK - Source Unknown

**SEGID: 0821C      Wilson Creek (unclassified water body)**  
 From the confluence with Lake Lavon in Collin County up to West FM 455 (NHD RC 12030106000086), just east of Celina, Collin Co., TX.

**AUID: 0821C\_01      Entire water body**

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**SEGID: 0821D      East Fork Trinity River above Lake Lavon (unclassified water body)**  
 A portion of the East Fork Trinity River extending from the confluence with Lake Lavon (segment 0821) to the upper end of the water body (NHD RC 12030106000074) in Collin County, Texas.

**AUID: 0821D\_01      Entire water body**

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**SEGID: 0822      Elm Fork Trinity River Below Lewisville Lake**  
 From the confluence with the West Fork Trinity River in Dallas County to Lewisville Dam in Denton County

**AUID: 0822\_01      Lower 11 miles of segment**

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Chlorophyll-a                      UNK - Source Unknown

**AUID: 0822\_04      Upper 1.5 miles of segment**

**Nutrient Screening Levels**

**CS**                      Chlorophyll-a                      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0822A Cottonwood Branch (unclassified water body)**  
 A 6 mile stretch of Cottonwood Branch running upstream from confluence with Hackberry Creek, to Valley View Road in Dallas County.

**AUID: 0822A\_01** *A 2.5 mile stretch of Cottonwood Branch running upstream from confluence with Hackberry Creek to approx. 0.5 miles downstream of N. Story Rd., Dallas Co.*

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0822A\_02** *A 3.5 mile stretch of Cottonwood Branch running upstream from approximately 0.5 miles downstream of N. Story Rd. to Valley View Rd, Dallas, Co.*

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0822B Grapevine Creek (unclassified water body)**  
 From the confluence with Elm Fork Trinity River in Dallas County upstream to its headwaters west of International Parkway at DFW Airport in Tarrant County

**AUID: 0822B\_01** *Entire water body*

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0822D Ski Lake (unclassified water body)**  
 A 65 acre reservoir locate just south of the intersection of US 35E and spur 482 in Irving.

**AUID: 0822D\_01** *Entire segment.*

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0823      Lewisville Lake**  
 From Lewisville Dam in Denton County to a point 100 meters (110 yards) upstream of US 380 in Denton County, up to normal pool elevation of 515 feet (impounds Elm Fork Trinity River)

**AUID: 0823\_02      Stewart Creek arm**

**Nutrient Screening Levels**

**CS**      Ammonia      UNK - Source Unknown

**CS**      Nitrate      UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**CS**      Total Phosphorus      UNK - Source Unknown

**AUID: 0823\_04      Little Elm Creek arm**

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**SEGID: 0823A      Little Elm Creek (unclassified water body)**  
 From confluence with Lake Lewisville in Denton Co., up to 1.4 km above FM 453 in Collin Co.

**AUID: 0823A\_01      From the confluence with Lake Lewisville in Denton Co., up to FM 453 in Collin Co. (Lower 12 miles of segment).**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; PS - Point Source Unknown

**SEGID: 0823B      Stewart Creek (unclassified water body)**  
 From the confluence with Lake Lewisville in Denton County to the headwaters near Frisco in Collin County.

**AUID: 0823B\_01      Entire segment.**

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**CS**      Total Phosphorus      UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**SEGID: 0823D      Doe Branch (unclassified water body)**  
 From the confluence (NHD RC 12030103023518) with Lake Lewisville/Elm Fork Trinity in Denton County to the headwaters (NHD RC 12030103005935) northeast of Celina, Collin Co., TX.

**AUID: 0823D\_01      From the confluence (NHD RC 12030103023518) with Lake Lewisville/Elm Fork Trinity in Denton County to the headwaters (NHD RC 12030103005935) northeast of Celina, Collin Co., TX.**

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0824 Elm Fork Trinity River Above Ray Roberts Lake**  
 From a point 9.5 km (5.9 miles) downstream of the confluence of Pecan Creek in Cooke County to US 82 in Montague County

**AUID: 0824\_01 Lower 7.5 miles of segment**

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus UNK - Source Unknown

**AUID: 0824\_02 2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP**

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**AUID: 0824\_03 3.5 mile reach near SH 51**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 0826 Grapevine Lake**  
 From Grapevine Dam in Tarrant County up to normal pool elevation of 535 feet (impounds Denton Creek)

**AUID: 0826\_07 Upper portion of reservoir east of Marshall Creek Park**

**Nutrient Screening Levels**

**CS** Nitrate PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 0826A Denton Creek (unclassified water body)**  
 Perennial stream from the confluence with Grapevine Lake in Denton County to the headwaters northeast of Bowie in Montague County

**AUID: 0826A\_01 Lower 7.9 miles of creek**

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0827A White Rock Creek above White Rock Lake (unclassified water body)**  
 Perennial stream from the headwaters of White Rock Lake upstream to the confluence with McKamy Branch east of the City of Addison

**AUID: 0827A\_01 From the headwaters of White Rock Lake upstream to the upper end of the water body at NHD RC 12030105001118.**

**Bacteria Geomean**

**CN** E. coli NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4); UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**SEGID: 0828 Lake Arlington**  
 From Arlington Dam in Tarrant County up to the normal pool elevation of 550 feet (impounds Village Creek)

**AUID: 0828\_02 Lowermost portion of lake along eastern half of dam**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0828\_05 Western half of upper portion of lake**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0828\_06 Eastern half of upper portion of lake**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**SEGID: 0828A Village Creek (unclassified water body)**  
 From the confluence with Lake Arlington in Tarrant County to the headwaters east of Joshua in Johnson County

**AUID: 0828A\_01 From Lake Arlington to the headwaters**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0829      Clear Fork Trinity River Below Benbrook Lake**  
 From the confluence with the West Fork Trinity River in Tarrant County to Benbrook Dam in Tarrant County

**AUID: 0829\_01      From the confluence with West Fork Trinity River to 1 mile upstream.**

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

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**AUID: 0829\_02      From 1 mile upstream of the confluence with West Fork Trinity River up to the confluence with Mary's Creek.**

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

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**AUID: 0829\_03      From the confluence with Mary's Creek up to Benbrook Dam in Tarrant County, TX.**

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

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**NS**    Restricted and No-Consumption    NPS - Non-Point Source; PS - Point Source Unknown

**SEGID: 0829A      Lake Como (unclassified water body)**  
 From Lake Como Dam to the reservoir headwaters in Lake Como Park in Tarrant County

**AUID: 0829A\_01      Entire lake**

**Bioaccumulative Toxics in fish tissue**

**CS**                    Arsenic                    NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0830 Benbrook Lake**  
 From Benbrook Dam in Tarrant County to a point 200 meters (220 yards) downstream of US 377 in Tarrant County, up to normal pool elevation of 694 feet (impounds Clear Fork Trinity River)

**AUID: 0830\_01 Lower portion of reservoir**

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0830\_02 Middle portion of reservoir**

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0830\_03 Upper portion of reservoir**

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0830\_05 Rock/Mustang Creek arm of Benbrook Lake.**

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 0831 Clear Fork Trinity River Below Lake Weatherford**  
 From a point 200 meters (220 yards) downstream of US 377 in Tarrant County to Weatherford Dam in Parker County

**AUID: 0831\_01 Lower 12.75 miles, downstream from South Fork Trinity River confluence**

**Nutrient Screening Levels**

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus PS - Municipal Point Source Discharges

**AUID: 0831\_04 2 mi upstream of South Fork Trinity River confluence to Squaw Ck. Confluence**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min UNK - Source Unknown

**AUID: 0831\_05 From the confluence of Squaw Ck. to Lake Weatherford Dam**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0831A South Fork Trinity River (unclassified water body)**

Eleven mile stretch of South Fork Trinity River running upstream from confluence with Clear Fork Trinity River to confluence with Willow Creek, Parker Co.

**AUID: 0831A\_01** *Eleven mile stretch of S. Fork Trinity River running upstream from confluence with Clear Fork Trinity River to confluence with Willow Creek, Parker Co.*

**Nutrient Screening Levels**

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus UNK - Source Unknown

**SEGID: 0831B Unnamed Tributary of South Fork Trinity River (unclassified water body)**

A 4.4 mile (7.1 KM) stretch of unnamed tributary to South Fork Trinity River stretching from the confluence to the upper end of the creek (NHD RC 12030102000351)

**AUID: 0831B\_01** *Entire segment.*

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0833 Clear Fork Trinity River Above Lake Weatherford**  
 From a point 3.1 km (1.9 miles) upstream of FM 1707 in Parker County, to FM 3107 in Parker County

**AUID: 0833\_02 Upper 11 miles of segment**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source; PS - Point Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 0833\_03 From the confluence of McKnight Branch to the confluence of Cottonwood Ck.**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source; PS - Point Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0833\_04 From the confluence with Dobbs Branch to confluence with McKnight Branch**

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0836      Richland-Chambers Reservoir**

From Richland-Chambers Dam in Freestone County to a point immediately upstream of the confluence of Pin Oak Creek on the Richland Creek Arm in Navarro County and to a point 4.0 kilometers (2.5 miles) downstream of Tupelo Branch on the Chambers Creek Arm in Navarro County, up to the normal pool elevation of 315 feet (impounds Richland and Chambers Creeks)

**AUID: 0836\_01      Lowermost portion of reservoir, adjacent to dam**

Dissolved Oxygen grab screening level

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**AUID: 0836\_04      Upper portion of Chambers Creek arm**

Nutrient Screening Levels

**CS**      Total Phosphorus      UNK - Source Unknown

**CS**      Chlorophyll-a      PS - Point Source Unknown; UNK - Source Unknown

**AUID: 0836\_05      Lower portion of Richland Creek arm**

Nutrient Screening Levels

**CS**      Chlorophyll-a      PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 0836B      Cedar Creek (unclassified water body)**

From the confluence with Richland Chambers Reservoir to the upper end of the creek (NHD RC 12030109012807)

**AUID: 0836B\_01      Entire segment.**

Dissolved Oxygen 24hr average

**NS**      Dissolved Oxygen 24hr Avg      UNK - Source Unknown

Dissolved Oxygen grab screening level

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**SEGID: 0836C      Grape Creek (unclassified water body)**

From the confluence with Richland Chambers Reservoir to the upper end of the creek (NHD RC 12030108000107) southwest of Corsicana, Navarro County, TX.

**AUID: 0836C\_01      Entire segment.**

Dissolved Oxygen 24hr average

**CN**      Dissolved Oxygen 24hr Avg      UNK - Source Unknown

Dissolved Oxygen 24hr minimum

**CN**      Dissolved Oxygen 24hr Min      UNK - Source Unknown

Dissolved Oxygen grab screening level

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0836D Post Oak Creek (unclassified water body)**

From the confluence with Richland Chambers Reservoir to the upper end of the creek (NHD RC 12030109012706)

**AUID: 0836D\_01 Entire segment.**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab PS - Municipal Point Source Discharges

**SEGID: 0838 Joe Pool Lake**

From Joe Pool Dam in Dallas County up to the normal pool elevation of 522 feet (impounds Mountain Creek)

**AUID: 0838\_02 Mountain Creek arm**

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**SEGID: 0838B Sugar Creek (unclassified water body)**

A 1.6 mile stretch of Sugar Creek running upstream from Tarrant/Dallas County line, to just upstream of Britton Road in Mansfield, Tarrant County.

**AUID: 0838B\_01 Entire segment.**

**Bacteria Single Sample**

**CN** E. coli UNK - Source Unknown

**SEGID: 0838C Walnut Creek (unclassified water body)**

A 7 mile stretch of Walnut Creek running upstream from Holland Road, to confluence with Willow Branch, NW Mansfield, Tarrant County.

**AUID: 0838C\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0840**

**Ray Roberts Lake**

From Ray Roberts Dam in Denton County to a point 9.5 km (5.9 miles) upstream of the confluence of Pecan Creek in Cooke County, up to the normal pool elevation of 632.5 feet (impounds Elm Fork Trinity River)

**AUID: 0840\_01**      *Lowermost portion of reservoir adjacent to dam*

Nutrient Screening Levels

<b>CS</b>	Nitrate	UNK - Source Unknown
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**AUID: 0840\_02**      *Lower portion of Jordan Creek arm west of Pilot Point*

Nutrient Screening Levels

<b>CS</b>	Nitrate	UNK - Source Unknown
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**AUID: 0840\_03**      *Upper portion of Jordan Creek arm*

Nutrient Screening Levels

<b>CS</b>	Nitrate	UNK - Source Unknown
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<b>CS</b>	Orthophosphorus	UNK - Source Unknown
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<b>CS</b>	Total Phosphorus	UNK - Source Unknown
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<b>CS</b>	Ammonia	UNK - Source Unknown
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**AUID: 0840\_04**      *Buck Creek cove*

Nutrient Screening Levels

<b>CS</b>	Ammonia	UNK - Source Unknown
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<b>CS</b>	Nitrate	UNK - Source Unknown
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0841 Lower West Fork Trinity River**  
 From a point immediately upstream of the confluence of the Elm Fork Trinity River in Dallas County to a point immediately upstream of the confluence of Village Creek in Tarrant County

**AUID: 0841\_01 From confluence of the Elm Fork Trinity River to the Tarrant/Dallas county line**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

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

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus UNK - Source Unknown

**CS** Nitrate UNK - Source Unknown

**CS** Chlorophyll-a UNK - Source Unknown

**CS** Total Phosphorus UNK - Source Unknown

**AUID: 0841\_02 From the Tarrant/Dallas county line upstream to the confluence of Village Creek**

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

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus UNK - Source Unknown

**SEGID: 0841A Mountain Creek Lake (unclassified water body)**  
 From Mountain Creek Lake Dam to the reservoir headwater at the confluence of Mountain and Fish Creeks, in Dallas County (impounds Mountain Creek)

**AUID: 0841A\_01 Entire reservoir**

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

**NS** Aquatic Life Closure NPS - Non-Point Source; PS - Point Source Unknown

**NS** Aquatic Life Closure NPS - Non-Point Source; PS - Point Source Unknown

**NS** Aquatic Life Closure NPS - Non-Point Source; NPS - Nps Pollution from Military Base Facilities (Other than Port Facilities); NPS - Site Clearance (Land Development or Redevelopment); PS - Point Source Unknown

**NS** Aquatic Life Closure NPS - Non-Point Source; PS - Point Source Unknown

**NS** Aquatic Life Closure NPS - Non-Point Source; PS - Point Source Unknown

**NS** Aquatic Life Closure NPS - Non-Point Source; PS - Point Source Unknown

**NS** Aquatic Life Closure NPS - Non-Point Source; PS - Point Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0841B Bear Creek (unclassified water body)**  
 A 12 mile stretch of Bear Creek running upstream from confluence with West Fork Trinity River, to the confluence with Little Bear Creek just upstream of HWY 183 in Euless, Tarrant County, TX.

**AUID: 0841B\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0841C Arbor Creek (unclassified water body)**  
 A 2.2 mile stretch of Arbor Creek running upstream from confluence with Johnson Creek, to approx. 0.5 miles upstream of Tarrant/Dallas county line.

**AUID: 0841C\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0841E Copart Branch Mountain Creek (unclassified water body)**  
 A 2.8 mile stretch of Copart Branch running upstream from confluence with Mountain Creek to approximately 0.3 miles upstream of Camden Road on Dallas Naval Academy, Dallas County.

**AUID: 0841E\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0841F Cottonwood Creek (unclassified water body)**  
 A 6.5 mile stretch of Cottonwood Creek running upstream from approx. 0.1 mi. upstream of Mountain Creek Reservoir in Dallas Co., to SH 360 in, Tarrant Co.

**AUID: 0841F\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 0841G Dalworth Creek (unclassified water body)**  
 A 2.2 mile stretch of Dalworth Creek running upstream from confluence with Lower W. Fork Trinity to County Line Road in Grand Prairie, Dallas Co.

**AUID: 0841G\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0841H Delaware Creek (unclassified water body)**  
 An 8.5 mile stretch of Delaware Creek running upstream from confluence with Lower W. Fork Trinity to Finley Road in Irving.

**AUID: 0841H\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0841J Estelle Creek (unclassified water body)**  
 A 4 mile stretch of Estelle Creek running upstream from confluence with Bear Creek to Valley View Lane in Irving, Dallas County.

**AUID: 0841J\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 0841K Fish Creek (unclassified water body)**  
 A 15 mile stretch of Fish Creek running upstream from the confluence with Mountain Creek Reservoir in Grand Prairie, Dallas Co., to the upper end of the creek (NHD RC 12030102000107) in Arlington, Tarrant Co.

**AUID: 0841K\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0841L Johnson Creek (unclassified water body)**  
 Four mile stretch of Johnson Creek running upstream from confluence with the Arbor Creek to just upstream of I30 in Grand Prairie, Tarrant Co.

**AUID: 0841L\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**SEGID: 0841M Kee Branch (unclassified water body)**  
 Six mile stretch of Kee Branch running upstream from confluence with Rush Creek to upper end of the creek (NHD RC 12030102000165).

**AUID: 0841M\_01 Three mile stretch of Kee Branch running upstream from confluence with Rush Creek to approx. 300 m upstream of Polly-Webb Road in Arlington, Tarrant Co. Sta. ID 10792**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**SEGID: 0841N Kirby Creek (unclassified water body)**  
 Four mile stretch of Kirby Creek running upstream from confluence with Fish Creek in Grand Prairie, Dallas Co., to just upstream of Great Southwest Parkway in Arlington, Tarrant Co.

**AUID: 0841N\_01 Entire segment**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

**SEGID: 0841R Rush Creek (unclassified water body)**  
 A 5 mile stretch of Rush Creek running upstream from confluence with Village Creek to confluence with Kee Branch in Arlington, Tarrant Co.

**AUID: 0841R\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0841S**      **Vilbig Lakes (unclassified water body)**  
 A 5 acre area in NW corner of Vilbig Lakes, near confluence with unnamed creek, approx. 100 m south of intersection of Rusdell Rd./Marvel Dr. in Irving, Dallas, Co.

**AUID: 0841S\_01**      *A 5 acre area in NW corner of Vilbig Lakes, near confluence with unnamed creek, approx. 100 m south of intersection of Rusdell Rd./Marvel Dr. in Irving, Dallas, Co.*

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**Bacteria Single Sample**

**NS**                      E. coli                      UNK - Source Unknown

**SEGID: 0841T**      **Village Creek (unclassified water body)**  
 A 7 mile stretch of Village Creek running upstream from confluence with West Fork Trinity River to SH 303 approx. 0.75 mi. downstream of Lake Arlington.

**AUID: 0841T\_01**      *A 7 mile stretch of Village Creek running upstream from confluence with West Fork Trinity River to SH 303 approx. 0.75 mi. downstream of Lake Arlington.*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

**SEGID: 0841U**      **West Irving Creek (unclassified water body)**  
 A 4 mile stretch of West Irving Branch running upstream from approx. 0.4 mi. downstream of Oakdale Rd. to just south of Sowers Road in Irving, Dallas Co.

**AUID: 0841U\_01**      *A 4 mile stretch of West Irving Branch running upstream from approx. 0.4 mi. downstream of Oakdale Rd. to just south of Sowers Road in Irving, Dallas Co.*

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**Bacteria Single Sample**

**NS**                      E. coli                      UNK - Source Unknown

**SEGID: 0841V**      **Crockett Branch (unclassified water body)**  
 A 1 mile (1.5 KM) stretch of Crockett Branch extending upstream from the confluence with Cottonwood Creek to the upper end of the creek (NHD RC 12030102044745)

**AUID: 0841V\_01**      *Entire Segment.*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 0901 Cedar Bayou Tidal**  
 From the confluence with Galveston Bay 1.0 km (0.6 miles) downstream of Tri-City Beach Road in Chambers County to a point 2.2 km (1.4 miles) upstream of IH 10 in Chambers/Harris County

**AUID: 0901\_01** *From the confluence with Galveston Bay 1.0 km (0.6 miles) downstream of Tri-City Beach Road to a point 2.2 km (1.4 miles) upstream of IH 10*

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Septage Disposal

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Septage Disposal

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

**NS** Restricted-Consumption UNK - Source Unknown

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Rural (Residential Areas)

**SEGID: 0902 Cedar Bayou Above Tidal**  
 From a point 2.2 km (1.4 miles) upstream of IH 10 in Chambers/Harris County to a point 7.4 km (4.6 miles) upstream of FM 1960 in Liberty County

**AUID: 0902\_01** *From a point 2.2 km (1.4 miles) upstream of IH 10 to a point 7.4 km (4.6 miles) upstream of FM 1960*

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Rural (Residential Areas)

**Macrobenthic Community**

**CN** Macrobenthic Community NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Urban Runoff/Storm Sewers

**SEGID: 1001 San Jacinto River Tidal**  
 From a point 100 meters (110yards) downstream of IH 10 in Harris County to Lake Houston Dam in Harris County

**AUID: 1001\_01** *From Lake Houston Dam to US Hwy 90*

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**AUID: 1001\_02** *From US Hwy 90 to IH 10*

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1002**

**Lake Houston**

From Lake Houston Dam in Harris County to the confluence of Spring Creek on the West Fork San Jacinto Arm in Harris/Montgomery County and to the confluence of Caney Creek on the East Fork San Jacinto Arm in Harris County, up to normal pool elevation of 44.5 feet (impounds San Jacinto River)

**AUID: 1002\_01**      *From the Red Gully confluence to FM 1960 East Pass*

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1002\_02**      *From West Lake Houston Parkway to FM 1960 West Pass*

**Nutrient Screening Levels**

**CS**      Total Phosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1002\_03**      *From the downstream side of FM 1960 (includes East and West Passes) to the Missouri Pacific Railroad Tracks*

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Total Phosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**AUID: 1002\_04**      *From the Missouri Pacific Railroad Tracks to Foley Road*

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**AUID: 1002\_05**      *From Foley Road to the Lake Houston Dam*

**Bacteria Single Sample**

**CN**      E. coli      NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1002      Lake Houston**  
 From Lake Houston Dam in Harris County to the confluence of Spring Creek on the West Fork San Jacinto Arm in Harris/Montgomery County and to the confluence of Caney Creek on the East Fork San Jacinto Arm in Harris County, up to normal pool elevation of 44.5 feet (impounds San Jacinto River)

**AUID: 1002\_06      From the confluence with Spring Creek to West Lake Houston Pkwy**  
Bacteria Geomean  
**NS**      E. coli      NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Sanitary Sewer Overflows (Collection System Failures)

Bacteria Single Sample  
**NS**      E. coli      NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

Nutrient Screening Levels

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 1002C      Lake Isabell (unclassified water body)**  
 Small lake located at the southern end of Lake Houston Park northeast of the Caney Creek (1010) and East Fork of the San Jacinto River (1003) confluence in Harris County.

**AUID: 1002C\_01      Small lake located at the southern end of Lake Houston Park northeast of the Caney Creek (1010) and East Fork of the San Jacinto River (1003) confluence in Harris County.**  
DSHS Advisories, Closures, and Risk Assessments  
**NS**      Restricted-Consumption      NPS - Atmospheric Depositon - Toxics

**SEGID: 1003      East Fork San Jacinto River**  
 From the confluence of Caney Creek in Harris County to US 190 in Walker County

**AUID: 1003\_01      From the Caney Creek confluence upstream to US 59**  
Bacteria Geomean  
**NS**      E. coli      NPS - Non-Point Source; NPS - Rural (Residential Areas); UNK - Source Unknown

**AUID: 1003\_02      From US Hwy 59 to a point 40 km (25 mi) upstream (just upstream of Clear Creek confluence)**  
Bacteria Geomean  
**NS**      E. coli      NPS - Non-Point Source; NPS - Rural (Residential Areas); UNK - Source Unknown

**AUID: 1003\_03      From a point 40 km (25 mi) upstream (just upstream of Clear Creek confluence) to US 190 (upper segment boundary)**  
Bacteria Geomean  
**NS**      E. coli      NPS - Non-Point Source; NPS - Rural (Residential Areas); UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1004**      **West Fork San Jacinto River**  
 From the confluence of Spring Creek in Harris/Montgomery County to Conroe Dam in Montgomery County

**AUID: 1004\_01**      *From the Spring Creek confluence upstream to the Stewart Creek confluence*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1004\_02**      *From the Stewart Creek confluence upstream to the Lake Conroe Dam*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Macrobenthic Community**

**CN**      Macrobenthic Community      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**SEGID: 1004D**      **Crystal Creek (unclassified water body)**  
 From the West Fork of the San Jacinto River confluence to the confluence of the east and west forks of Crystal Creek

**AUID: 1004D\_01**      *From the Confluence with West Fork San Jacinto River upstream to confluence of the East and West Forks of Crystal Creek*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Rural (Residential Areas)

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Rural (Residential Areas)

**SEGID: 1004E**      **Stewarts Creek (unclassified water body)**  
 From headwaters northwest of old Montgomery Rd to confluence with West Fork of the San Jacinto River

**AUID: 1004E\_02**      *From Airport Rd to confluence with West Fork San Jacinto River*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1005      Houston Ship Channel/San Jacinto River Tidal**  
 From the confluence with Galveston Bay at Morgan's Point in Harris/Chambers County to a point 100 meters (110 yards) downstream of IH 10 in Harris County

**AUID: 1005\_01      Downstream I-10 to Lynchburg Ferry Road**

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

**NS**      Restricted-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**NS**      Restricted-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**AUID: 1005\_02      Lynchburg Ferry Road to Goose Island**

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

**NS**      Restricted-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**NS**      Restricted-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**AUID: 1005\_03      Goose Island to SH 146**

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

**NS**      Restricted-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**NS**      Restricted-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**AUID: 1005\_04      SH 146 to Morgans Point**

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

**NS**      Restricted-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**NS**      Restricted-Consumption      NPS - Non-Point Source; PS - Point Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 1006	<b>Houston Ship Channel Tidal</b>
From the confluence with the San Jacinto River in Harris County to a point immediately upstream of Greens Bayou in Harris County, including tidal portions of tributaries	

**AUID:** 1006\_01 *Houston Ship Channel Tidal-From the Greens Bayou confluence to the Patrick Bayou confluence*

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

<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge

**Enterococci (1006, 1007) single sample**

<b>NS</b>	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**AUID:** 1006\_02 *Houston Ship Channel Tidal- From the Patrick Bayou confluence to the Houston Ship Channel/San Jacinto River Tidal (1005) confluence*

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

<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1006	<b>Houston Ship Channel Tidal</b>	
	From the confluence with the San Jacinto River in Harris County to a point immediately upstream of Greens Bayou in Harris County, including tidal portions of tributaries	
<b>AUID:</b> 1006_03	<b>Greens Bayou Tidal- From the Houston Ship Channel confluence to a point 0.7 km (0.4 miles) upstream of the Halls Bayou confluence</b>	
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b><u>Enterococci (1006, 1007) single sample</u></b>		
<b>NS</b>	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Toxic Substances in sediment</u></b>		
<b>CS</b>	DDT	PS - Industrial Point Source Discharge; PS - Point Source Unknown
<b>CS</b>	DDD	PS - Industrial Point Source Discharge; PS - Point Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1006	<b>Houston Ship Channel Tidal</b>	
	From the confluence with the San Jacinto River in Harris County to a point immediately upstream of Greens Bayou in Harris County, including tidal portions of tributaries	
<b>AUID:</b> 1006_04	<b>Patrick Bayou Tidal - From the confluence with the Houston Ship Channel to 100 m (328 ft) upstream of the railroad bridge</b>	
<b><u>Acute Toxicity tests in whole sediment</u></b>		
<b>NS</b>	Sediment Acute Toxicity	PS - Industrial Point Source Discharge
<b><u>DSHS Advisories, Closures, and Risk Assessments</u></b>		
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown
<b><u>HH Bioaccumulative Toxics in water</u></b>		
<b>NS</b>	Mercury	PS - Industrial Point Source Discharge
<b><u>LOE Toxic Sediment condition</u></b>		
<b>NS</b>	Sediment Toxicity (LOE)	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Toxic Substances in sediment</u></b>		
<b>CS</b>	PCBs	PS - Industrial Point Source Discharge
<b>CS</b>	Pyrene	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1006	<b>Houston Ship Channel Tidal</b>	From the confluence with the San Jacinto River in Harris County to a point immediately upstream of Greens Bayou in Harris County, including tidal portions of tributaries
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**AUID:** 1006\_05 *Goodyear Creek-From confluence with Greens Bayou Tidal to Granada St. in Harris County*

**Dissolved Oxygen grab minimum**

<b>NS</b>	Dissolved Oxygen Grab	PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	PS - Sanitary Sewer Overflows (Collection System Failures)
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**DSHS Advisories, Closures, and Risk Assessments**

<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
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<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
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<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown
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<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
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<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
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**Enterococci (1006, 1007) single sample**

<b>NS</b>	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**AUID:** 1006\_06 *Tucker Bayou- From the Houston Ship Channel confluence to a point 2.7 km (1.7 mi) upstream*

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

<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
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<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
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<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown
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<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
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<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1006	<b>Houston Ship Channel Tidal</b>	From the confluence with the San Jacinto River in Harris County to a point immediately upstream of Greens Bayou in Harris County, including tidal portions of tributaries
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**AUID:** 1006\_07 *Carpenters Bayou-From the Houston Ship Channel confluence to the lower boundary of 1006B (2.3 m/ 1.4 mi) upstream from the Houston Ship Channel confluence)*

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

<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

<b>SEGID:</b> 1006D	<b>Halls Bayou (unclassified water body)</b>	From the Greens Bayou confluence upstream to Frick Road in Harris County
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**AUID:** 1006D\_01 *From the Greens Bayou confluence upstream to US 59*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID:** 1006D\_02 *From US 59 upstream to Frick Road*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1006F      Big Gulch Above Tidal (unclassified water body)**  
 From the confluence with Greens Bayou Tidal to Wallisville Road in Harris County

**AUID: 1006F\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1006H      Spring Gully Above Tidal (unclassified water body)**  
 From confluence with Greens Bayou to US 90 in Harris County

**AUID: 1006H\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1006I      Unnamed Tributary of Halls Bayou (unclassified water body)**  
 From the confluence with Halls Bayou to a point 0.13 miles upstream of Richland Drive in Harris County

**AUID: 1006I\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1006J      Unnamed Tributary of Halls Bayou (unclassified water body)**  
 From the confluence with Halls Bayou (east of US 59 and south of Langley Road) to Mount Houston Road in Harris County

**AUID: 1006J\_01      From the Halls Bayou confluence (east of US 59 and south of Langley Road) to Mount Houston Road**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                  Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1007	<b>Houston Ship Channel/Buffalo Bayou Tidal</b>	From a point immediately upstream of Greens Bayou in Harris County to a point 100 meters (110 yards) upstream of US 59 in Harris County, including tidal portion of tributaries
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**AUID:** 1007\_01 *Houston Ship Channel - From a point immediately upstream of Greens Bayou Tidal to immediately upstream of the 69th Street WWTP outfall*

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

<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers

**Enterococci (1006, 1007) single sample**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID:** 1007\_02 *Sims Bayou Tidal - From the Houston Ship Channel confluence to a point 11 km (6.8 mi) upstream*

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

<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers

**Enterococci (1006, 1007) single sample**

<b>CN</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1007	<b>Houston Ship Channel/Buffalo Bayou Tidal</b>	From a point immediately upstream of Greens Bayou in Harris County to a point 100 meters (110 yards) upstream of US 59 in Harris County, including tidal portion of tributaries
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**AUID:** 1007\_03      *Hunting Bayou Tidal - From the Houston Ship Channel confluence to IH-10*

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

<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

**Enterococci (1006, 1007) single sample**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**AUID:** 1007\_04      *Brays Bayou Tidal - From the Houston Ship Channel confluence to downstream of IH-45*

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

<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

**Enterococci (1006, 1007) single sample**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1007      Houston Ship Channel/Buffalo Bayou Tidal**

From a point immediately upstream of Greens Bayou in Harris County to a point 100 meters (110 yards) upstream of US 59 in Harris County, including tidal portion of tributaries

**AUID: 1007\_05      Vince Bayou Tidal - From the Houston Ship Channel confluence to SH 225**

**Acute Toxicity tests in whole sediment**

**NS**      Sediment Acute Toxicity      NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

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

**NS**      Restricted-Consumption      NPS - Urban Runoff/Storm Sewers

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      NPS - Urban Runoff/Storm Sewers

**NS**      Restricted-Consumption      NPS - Urban Runoff/Storm Sewers

**NS**      Restricted-Consumption      NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

**Enterococci (1006, 1007) single sample**

**NS**      Enterococcus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**LOE Toxic Sediment condition**

**NS**      Sediment Toxicity (LOE)      NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1007\_06      Berry Bayou - From the Houston Ship Channel confluence to a point 2.4 km (1.5 mi) upstream of the Sims Bayou confluence**

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

**NS**      Restricted-Consumption      NPS - Urban Runoff/Storm Sewers

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      NPS - Urban Runoff/Storm Sewers

**NS**      Restricted-Consumption      NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1007      Houston Ship Channel/Buffalo Bayou Tidal**  
 From a point immediately upstream of Greens Bayou in Harris County to a point 100 meters (110 yards) upstream of US 59 in Harris County, including tidal portion of tributaries

**AUID: 1007\_07      Buffalo Bayou - From immediately upstream of 69th Street WWTP outfall to US 59**

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

<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers

**Enterococci (1006, 1007) single sample**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1007\_08      Little Vince Bayou Tidal - From the Vince Bayou confluence to SH 225**

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

<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers
<b>NS</b>	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

**SEGID: 1007A      Canal C-147 Tributary of Sims Bayou Above Tidal (unclassified water body)**  
 From the Sims Bayou confluence upstream to a point 0.71 km (0.44 mi) east of Beltway 8 in Harris County

**AUID: 1007A\_01      From the Sims Bayou confluence upstream to a point 0.71 km (0.44 mi) east of Beltway 8**

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1007B      Brays Bayou Above Tidal (unclassified water body)**  
 From a point 11.5 km (7.1 mi) upstream of confluence with Houston Ship Channel up to SH 6

**AUID: 1007B\_01      From a point 11.5 km (7.1 mi) upstream of confluence with Houston Ship Channel up to SH 6**

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                      Ammonia                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                      Nitrate                      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                      Orthophosphorus                      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                      Total Phosphorus                      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1007B\_02      From State Highway 6 upstream to Clodine Road**

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                      Ammonia                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                      Nitrate                      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                      Orthophosphorus                      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                      Total Phosphorus                      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1007C      **Keegans Bayou Above Tidal (unclassified water body)**  
 From the Brays Bayou confluence upstream to Harris County line

**AUID:** 1007C\_01      *From the Brays Bayou confluence to the Harris County Line*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                  Orthophosphorus                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                  Total Phosphorus                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1007D	<b>Sims Bayou Above Tidal (unclassified water body)</b>
	Perennial stream from 11.0 km upstream of confluence with Houston Ship Channel upstream to Hiram Clark Drive

**AUID:** 1007D\_01 *From 0.4 miles north of Beltway 8 to Hiram Clark*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**AUID:** 1007D\_02 *From Hiram Clark to 11 miles upstream of the confluence with the Houston Ship Channel*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**AUID:** 1007D\_03 *From 11 miles upstream of the Houston Ship Channel confluence to SH 35*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1007E Willow Waterhole Bayou Above Tidal (unclassified water body)**  
 From the Brays Bayou confluence upstream to South Garden (in Missouri City)

**AUID: 1007E\_01 From the Brays Bayou confluence upstream to South Garden Street**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1007F Berry Bayou Above Tidal (unclassified water body)**  
 From a point 2.4 km (1.5 mi) upstream of the Sims Bayou confluence to the southern city limits of South Houston

**AUID: 1007F\_01 From a point 2.4 km (1.5 mi) upstream of the Sims Bayou confluence to SH 3**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1007G Kuhlman Gully Above Tidal (unclassified water body)**  
 From Brays Bayou confluence to Atchison, Topeka and Santa Fe Railroad tracks in Harris County

**AUID: 1007G\_01 From Brays Bayou confluence to Atchison, Topeka and Santa Fe Railroad tracks**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1007H Pine Gully Above Tidal (unclassified water body)**  
 From the Sims Bayou confluence to 0.11 km (0.07 mi) east of Broadway Street in Harris County

**AUID: 1007H\_01 From the Sims Bayou confluence to 0.11 km (0.07 mi) east of Broadway Street**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1007I Plum Creek Above Tidal (unclassified water body)**  
 From the Sims Bayou confluence to Telephone Road in Harris County

**AUID: 1007I\_01 From the Sims Bayou confluence to Telephone Road in Harris County**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1007K Country Club Bayou Above Tidal (unclassified water body)**  
 From just downstream of South Lockwood Drive to the confluence with Brays Bayou to approximately 0.5 miles upstream of North Wayside Drive in Harris County

**AUID: 1007K\_01** *From just downstream of South Lockwood Drive to the confluence with Brays Bayou*

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1007L Unnamed Tributary of Brays Bayou (unclassified water body)**  
 From the Brays Bayou confluence near Fondren Road to a point 0.97 km (0.60 mi) upstream in Harris County

**AUID: 1007L\_01** *From the Brays Bayou confluence near Fondren Road to a point (0.37 km) 0.60 miles upstream in Harris County*

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1007M Unnamed Tributary of Hunting Bayou (unclassified water body)**  
 From the confluence with Hunting Bayou to Mercury Road in Harris County

**AUID: 1007M\_01** *Entire water body*

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1007N      Unnamed Tributary of Sims Bayou (unclassified water body)**  
 From the confluence with Sims Bayou, south of Airport Road, east of SH 288 in Harris County

**AUID: 1007N\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1007O      Unnamed Tributary of Buffalo Bayou (unclassified water body)**  
 From the confluence with Buffalo Bayou to IH-10 between Hirsch Road and Lockwood in Harris County

**AUID: 1007O\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab minimum**

**NS**                  Dissolved Oxygen Grab                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1007R      Hunting Bayou Above Tidal (unclassified water body)**

From the confluence with Hunting Bayou Tidal at IH-10 to Maury Street on the north fork and Bain Street on the south fork

**AUID: 1007R\_01      From Bain Street to Sayers Street (South Fork)**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
UNK - Source Unknown

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**                  Dissolved Oxygen Grab                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer  
Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer  
Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**AUID: 1007R\_02      From just east of Elysian Street to Falls Street (North Fork)**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
UNK - Source Unknown

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
UNK - Source Unknown

**AUID: 1007R\_03      From Falls Street to Loop 610 East**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
UNK - Source Unknown

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer  
Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1007R      Hunting Bayou Above Tidal (unclassified water body)**  
 From the confluence with Hunting Bayou Tidal at IH-10 to Maury Street on the north fork and Bain Street on the south fork

**AUID: 1007R\_04      From Loop 610 East to IH 10**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
 UNK - Source Unknown

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
 UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Unspecified Unpaved Road or Trail; PS - Municipal Point Source Discharges

**SEGID: 1007S      Poor Farm Ditch (unclassified water body)**  
 From the Brays Bayou confluence upstream 3.6 km (2.3 mi) to the Bissonnet Road bridge crossing

**AUID: 1007S\_01      From the Brays Bayou confluence upstream 3.6 km (2.3 mi) to the Bissonnet Road bridge crossing**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1007T      Bintliff Ditch (unclassified water body)**  
 From the Brays Bayou confluence upstream 5.8 km (3.6 mi) to the Fondren Road bridge crossing

**AUID: 1007T\_01      From the Brays Bayou confluence to 0.57 km (0.35 mi) upstream of the Fondren Road bridge crossing**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1007U      Mimosa Ditch (unclassified water body)**  
 From the Brays Bayou confluence upstream 2.9 km (1.8 mi) to the Chimney Rock bridge crossing

**AUID: 1007U\_01      From the Brays Bayou confluence upstream 2.9 km (1.8 mi) to the Chimney Rock bridge crossing**

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1007V      Unnamed Tributary of Hunting Bayou (unclassified water body)**  
 From the Hunting Bayou confluence to 1.7 km (1.1 mi) upstream of the confluence (0.3 km west of Collingsworth Street)

**AUID: 1007V\_01      From the Hunting Bayou confluence to 1.7 km (1.1 mi) upstream of the confluence (0.3 km west of Collingsworth Street)**

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1008 Spring Creek**  
 From the confluence with the West Fork San Jacinto River in Harris/Montgomery County to the most upstream crossing of FM 1736 in Waller County

**AUID: 1008\_02 Field Store Road to SH 249**

**Bacteria Geomean**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed; NPS - Non-Point Source

**Fish Community**

**CN** Fish Community NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1008\_03 SH 249 to IH 45**

**Bacteria Geomean**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Habitat**

**CS** Habitat UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1008\_04 IH 45 to confluence with Lake Houston**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1008B Upper Panther Branch (unclassified water body)**  
 From the normal pool elevation of 125 feet of Lake Woodlands upstream to Old Conroe Road

**AUID: 1008B\_01 From the Lake Woodlands confluence upstream to the Bear Branch confluence**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**AUID: 1008B\_02 From the Bear Branch confluence to Old Conroe Road**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Nitrate PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1008C Lower Panther Branch (unclassified water body)**  
 From the Spring Creek confluence upstream to the dam impounding Lake Woodlands in Montgomery County

**AUID: 1008C\_01 From Spring Creek confluence upstream to Saw Dust Road**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1008C\_02 From Saw Dust Road to the Lake Woodlands Dam**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1008E Bear Branch (unclassified water body)**  
 From the Upper Panther Branch confluence to south of FM 1488 in Montgomery County

**AUID: 1008E\_01 From Upper Panther Branch confluence to south of FM 1488**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1008F Lake Woodlands (unclassified water body)**  
 From Lake Woodlands Dam to confluence with Upper Panther Branch Creek in Montgomery County (impounds Upper Panther Branch)

**AUID: 1008F\_01 Upper end of segment to Northshore Park/Woodlock Forest**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers

**AUID: 1008F\_02 Northshore Park/Woodlock Forest to inflow from unnamed tributary**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1008F\_03 From inflow of unnamed tributary to dam**

**Nutrient Screening Levels**

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1008F\_04 Arm near dam adjacent to West Isle Drive and Pleasure Cove Drive**

**Nutrient Screening Levels**

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1008H      **Willow Creek (unclassified water body)**  
 From the Spring Creek confluence to a point 0.48 km (0.3 mi) north of Juergen Rd

**AUID:** 1008H\_01      *From the Spring Creek confluence to a point 0.48 km (0.3 mi) north of Juergen Rd*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Total Phosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1009 Cypress Creek**  
 From the confluence with Spring Creek in Harris County to the confluence of Snake Creek and Mound Creek in Waller County

**AUID: 1009\_01 Upper portion of segment to downstream of US 290**

**Bacteria Geomean**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1009\_02 US 290 to SH 249**

**Bacteria Geomean**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Habitat**

**CS** Habitat UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1009	<b>Cypress Creek</b>	From the confluence with Spring Creek in Harris County to the confluence of Snake Creek and Mound Creek in Waller County
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**AUID:** 1009\_03      **SH 249 to IH 45**

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**AUID:** 1009\_04      **IH 45 to confluence with Spring Creek**

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1009C      Faulkey Gully (unclassified water body)**  
 From Cypress Creek confluence with upstream 3.2 km (2.0 mi), which is approximately 1.0 km upstream of Louetta Road

**AUID: 1009C\_01      From the Cypress Creek confluence to a point 11.7 km (7.2 mi) upstream**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1009D      Spring Gully (unclassified water body)**  
 From the Cypress Creek confluence upstream to near Spring Cypress Road

**AUID: 1009D\_01      From the Cypress Creek confluence upstream to near Spring Cypress Road**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1009E      Little Cypress Creek (unclassified water body)**  
 From the Cypress Creek confluence to a point 11 km (6.8 mi) upstream in Harris County

**AUID: 1009E\_01      *From the Cypress Creek confluence to a point 11 km (6.8 mi) upstream***

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**CS**                  Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Total Phosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**SEGID: 1010      Caney Creek**  
 From the confluence with the East Fork San Jacinto River in Harris County to SH 150 in Walker County

**AUID: 1010\_02      *From the Spring Branch confluence upstream to the Cagle Branch confluence***

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**AUID: 1010\_03      *From the Cagle Branch confluence upstream to the Camp Creek confluence***

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**AUID: 1010\_04      *From the Camp Creek confluence upstream to State Hwy 150***

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1011 Peach Creek**  
 From the confluence with Caney Creek in Montgomery County to SH 150 in Walker County

**AUID: 1011\_01 Upper segment boundary to US Hwy 59**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Rural (Residential Areas)

**AUID: 1011\_02 US Hwy 59 to confluence with Caney Creek**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Rural (Residential Areas)

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Rural (Residential Areas)

**SEGID: 1012 Lake Conroe**  
 From Conroe Dam in Montgomery County up to the normal pool elevation of 201 feet (impounds West Fork San Jacinto River)

**AUID: 1012\_03 Lewis Creek arm**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Rural (Residential Areas)

**AUID: 1012\_04 Caney Creek arm to Hunters Point**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Rural (Residential Areas)

**AUID: 1012\_05 Johnson Bluff to FM 1097**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Rural (Residential Areas)

**SEGID: 1013 Buffalo Bayou Tidal**  
 From a point 100 meters (110 yards) upstream of US 59 in Harris County to a point 400 meters (440 yards) upstream of Shepherd Drive in Harris County

**AUID: 1013\_01 From a point immediately upstream of US 59 to a point immediately upstream of Shepard Drive**

**Bacteria Geomean**

**NS** Enterococcus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** Enterococcus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1013A Little White Oak Bayou (unclassified water body)**  
 From the White Oak Bayou confluence to Yale Street in Harris County

**AUID: 1013A\_01 From the confluence of White Oak Bayou upstream to the RR Tracks north of IH 610**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Macrobenthic Community**

**CN** Macrobenthic Community NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1013C Unnamed Non-Tidal Tributary of Buffalo Bayou Tidal (unclassified water body)**  
 Located approximately 1.8 miles upstream of the Buffalo Bayou/White Oak Bayou confluence between IH-10 and Memorial Drive west of IH-45 in Harris County

**AUID: 1013C\_01 Entire Segment**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1014 Buffalo Bayou Above Tidal**  
 From a point 400 meters (440 yards) upstream of Shepherd Drive in Harris County to SH 6 in Harris County

**AUID: 1014\_01** *From a point immediately upstream of Shepherd Drive upstream to SH 6*

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1014A Bear Creek (unclassified water body)**  
 Perennial stream from the confluence with South Mayde Creek upstream to the confluence with an unnamed tributary 1.24 km north of Longenbaugh Road

**AUID: 1014A\_01** *Confluence with South Mayde Creek to a point upstream of an unnamed tributary north of Langenbaugh Road*

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1014B Buffalo Bayou/Barker Reservoir (unclassified water body)**  
 Perennial stream from SH 6 in Harris County upstream to the confluence with Willow Fork Buffalo Bayou in Fort Bend County

**AUID: 1014B\_01 From SH 6 to the confluence with Willow Fork Buffalo Bayou**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1014E Langham Creek (unclassified water body)**  
 From the Dinner Creek confluence upstream to FM 529

**AUID: 1014E\_01 From the Bear Creek confluence upstream to the Dinner Creek confluence**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1014H**      **South Mayde Creek (unclassified water body)**  
 From the Buffalo Bayou confluence upstream to an unnamed tributary 1.05 km (0.65 mi) south of Clay Road

**AUID: 1014H\_01**      *From the Buffalo Bayou confluence upstream to the confluence with an unnamed tributary 0.62 km (0.39 mi) east of Barker-Cypress Road*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Nitrate                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1014H\_02**      *From the confluence with an unnamed tributary 0.62 km (0.39 mi) east of Barker-Cypress Road upstream to an unnamed tributary 1.05 km (0.65 mi) south of Clay Road*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                  Nitrate                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1014K Turkey Creek (unclassified water body)**  
 From the South Mayde Creek confluence upstream to a point 1.1 km (0.68 mi) directly east of FM 529 in Harris County

**AUID: 1014K\_01 From the South Mayde Creek confluence upstream to 0.17 km (0.1 mi) south of Clay Road**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1014K\_02 From 0.17 km (0.1 mi) south of Clay Road upstream to a point 1.1 km (0.68 mi) directly east of FM 529**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1014L Mason Creek (unclassified water body)**  
 From the Buffalo Bayou confluence upstream to Mason Road upstream to 0.32 km (0.2 mi) east of Katyland Drive

**AUID: 1014L\_01 From the Buffalo Bayou confluence upstream to Mason Road**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1014M Newman Branch (Neimans Bayou) (unclassified water body)**  
 From the Buffalo Bayou Above Tidal confluence to 0.1 km (0.06 mi) upstream of Hammerly Blvd in Harris County

**AUID: 1014M\_01 From the Buffalo Bayou confluence to 0.1 km (0.06 mi) upstream of Hammerly Blvd**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Fish Community**

**NS** Fish Community NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Macrobenthic Community**

**NS** Macrobenthic Community NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1014N Rummel Creek (unclassified water body)**  
 From the Buffalo Bayou Above Tidal confluence to 1.2 km (0.75 mi) upstream of IH-10 in Harris County

**AUID: 1014N\_01 From the Buffalo Bayou Above Tidal confluence to 1.2 km (0.75 mi) upstream of IH-10**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
 UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures);  
 UNK - Source Unknown

**SEGID: 1014O Spring Branch (unclassified water body)**  
 From Buffalo Bayou Above Tidal confluence to 1.4 km (0.87 mi) upstream of Long Point Road in Harris County

**AUID: 1014O\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1015      **Lake Creek**

From the confluence with the West Fork San Jacinto River in Montgomery County to a point 4.0 km (2.5 miles) upstream of SH 30 in Grimes County

**AUID:** 1015\_02      *From the Landrum Creek confluence upstream to a point 4.0 km (2.5 mi) upstream of State Hwy 30*

**Dissolved Oxygen grab minimum**

**CN**      Dissolved Oxygen Grab      NPS - Non-Point Source; NPS - Rural (Residential Areas)

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; NPS - Rural (Residential Areas)

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1016	<b>Greens Bayou Above Tidal</b>	
From a point 0.7 km (0.4 miles) above the confluence of Halls Bayou in Harris County to a point 100 meters (110 yards) above FM 1960 in Harris County		
<b>AUID: 1016_01      <i>Upper segment boundary (FM 1960) to IH 45</i></b>		
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>AUID: 1016_02      <i>IH 45 to US 59</i></b>		
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>AUID: 1016_03      <i>From US 59 to the downstream boundary 0.7 km (0.4 miles) upstream of the Halls Bayou confluence</i></b>		
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1016A      Garners Bayou (unclassified water body)**  
 Perennial stream from the confluence with Williams Gully upstream to 1.5 km north Atascocita Road

**AUID: 1016A\_02      From the confluence with Williams Gully upstream to 1.5 km north of Atascocita Road**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  UNK - Source Unknown

**CS**                  Nitrate                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**                  Orthophosphorus                  UNK - Source Unknown

**CS**                  Total Phosphorus                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**AUID: 1016A\_03      From Atascocita Road upstream to 1.7 km (1.1 mi) upstream of Will Clayton Pkwy**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**                  Ammonia                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                  Total Phosphorus                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                  Nitrate                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS**                  Orthophosphorus                  NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1016B      Unnamed Tributary of Greens Bayou (unclassified water body)**  
 From confluence with Greens Bayou to Hirsch Road in Harris County

**AUID: 1016B\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1016C	<b>Unnamed Tributary of Greens Bayou (unclassified water body)</b>
From the confluence with Greens Bayou, east of Aldine Westfield Road, to the Hardy Toll Road in Harris County	

**AUID:** 1016C\_01 *Entire water body*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>SEGID:</b> 1016D	<b>Unnamed Tributary of Greens Bayou (unclassified water body)</b>
From the confluence with Greens Bayou, west of El Dorado Country Club to Lee Road, west of US Hwy 59 in Harris County	

**AUID:** 1016D\_01 *Entire water body*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen 24hr average**

<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen 24hr minimum**

<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen grab minimum**

<b>NS</b>	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1017	<b>Whiteoak Bayou Above Tidal</b>	
From a point immediately upstream of the confluence of Little White Oak Bayou in Harris County to a point 3.0 km (1.9 miles) upstream of FM 1960 in Harris County		
<b>AUID: 1017_01      <i>Huffsmith Rd to the confluence with Vogel Creek</i></b>		
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>AUID: 1017_02      <i>Vogel Creek to the Cole Creek confluence</i></b>		
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>AUID: 1017_03      <i>Cole Creek confluence to the Brickhouse Gully confluence</i></b>		
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1017      Whiteoak Bayou Above Tidal**  
 From a point immediately upstream of the confluence of Little White Oak Bayou in Harris County to a point 3.0 km (1.9 miles) upstream of FM 1960 in Harris County

**AUID: 1017\_04      From the Vogel Creek confluence upstream to Huffsmith Road**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1017A      Brickhouse Gully/Bayou (unclassified water body)**  
 Perennial stream from the confluence with Whiteoak Bayou up to Gessner Road

**AUID: 1017A\_01      Entire water body**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

**SEGID: 1017B      Cole Creek (unclassified water body)**  
 Perennial stream from the confluence with White Oak Bayou up to south of Beltway 8

**AUID: 1017B\_02      From Flintlock Street to confluence with White Oak Bayou**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Bacteria Single Sample**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1017C	<b>Vogel Creek (unclassified water body)</b>	From the White Oak Bayou Above Tidal confluence to a point 3.2 km (2.0 mi) upstream of the White Oak Bayou confluence to just south of State Hwy 249 in Harris County
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**AUID:** 1017C\_01 *From the White Oak Bayou confluence to a point 3.2 km (2.0 mi) upstream*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>SEGID:</b> 1017D	<b>Unnamed Tributary of Whiteoak Bayou (unclassified water body)</b>	From the confluence with White Oak Bayou downstream of TC Jester, to Hempstead Hwy, north of US Hwy 290 in Harris County
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**AUID:** 1017D\_01 *Entire water body*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen grab minimum**

<b>NS</b>	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Ammonia	UNK - Source Unknown
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<b>SEGID:</b> 1017E	<b>Unnamed Tributary of White Oak Bayou (unclassified water body)</b>	From the confluence with White Oak, near W 11th Street, to just upstream of W 26th Street, south of Loop 610 W in Harris County
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**AUID:** 1017E\_01 *Entire water body*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1101 Clear Creek Tidal**  
 From the Clear Lake confluence at a point 3.2 km (2.0 miles) downstream of El Camino Real in Galveston/Harris County to a point 100 m (110 yards) upstream of FM528 in Galveston/Harris County

**AUID: 1101\_01 Upper segment boundary to Chigger Creek confluence**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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

**NS** Restricted and No-Consumption PS - Industrial Point Source Discharge

**NS** Restricted and No-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 1101\_02 Chigger Creek confluence to IH 45**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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

**NS** Restricted and No-Consumption UNK - Source Unknown

**NS** Restricted and No-Consumption PS - Industrial Point Source Discharge

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1101	<b>Clear Creek Tidal</b>	From the Clear Lake confluence at a point 3.2 km (2.0 miles) downstream of El Camino Real in Galveston/Harris County to a point 100 m (110 yards) upstream of FM528 in Galveston/Harris County
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**AUID:** 1101\_03      *IH 45 to Cow Bayou confluence*

**Bacteria Geomean**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**Bacteria Single Sample**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**DSHS Advisories, Closures, and Risk Assessments**

<b>NS</b>	Restricted and No-Consumption	PS - Industrial Point Source Discharge
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<b>NS</b>	Restricted and No-Consumption	UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**AUID:** 1101\_04      *Cow Bayou confluence to confluence with Clear Lake*

**Bacteria Geomean**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**Bacteria Single Sample**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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**DSHS Advisories, Closures, and Risk Assessments**

<b>NS</b>	Restricted and No-Consumption	UNK - Source Unknown
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<b>NS</b>	Restricted and No-Consumption	PS - Industrial Point Source Discharge
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1101A      Magnolia Creek (unclassified water body)**  
 From the Clear Creek Tidal confluence upstream to 0.8 km (0.5 mi) upstream of the confluence with the second unnamed tributary

**AUID: 1101A\_01      From the Clear Creek Tidal confluence upstream 7.7 km (4.8 mi)**

**Bacteria Geomean**

**NS**              E. coli              UNK - Source Unknown

**Bacteria Single Sample**

**NS**              E. coli              UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**CN**              Dissolved Oxygen Grab              UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**              Dissolved Oxygen Grab              UNK - Source Unknown

**SEGID: 1101C      Cow Bayou (unclassified water body)**  
 From the Clear Creek Tidal confluence to SH 3 in Galveston County

**AUID: 1101C\_01      From the Clear Creek Tidal confluence to SH3**

**Bacteria Geomean**

**NS**              Enterococcus              NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS**              Enterococcus              NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS**              Dissolved Oxygen Grab              NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 1101D      Robinson Bayou (unclassified water body)**  
 From confluence with Clear Creek 0.33 mile upstream of Webster Street in Galveston County

**AUID: 1101D\_01      From Clear Creek Tidal confluence to 0.05 km (0.03 mi) upstream of Hewitt Street**

**Bacteria Geomean**

**NS**              Enterococcus              NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS**              Enterococcus              NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS**              Dissolved Oxygen Grab              NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1101E      Unnamed Trib of Clear Creek Tidal (unclassified water body)**  
 From Clear Creek Tidal confluence to a point 3.2 km (2.0 mi) immediately downstream of I-45 in Galveston County

**AUID: 1101E\_01      From the Clear Creek Tidal confluence to a point 3.0 km (1.9 mi) upstream**

**Bacteria Geomean**

**NS**      Enterococcus      UNK - Source Unknown

**Bacteria Single Sample**

**NS**      Enterococcus      UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**SEGID: 1101F      Unnamed Tributary of Clear Creek Tidal (unclassified water body)**  
 From Clear Creek Tidal confluence to a point 7.8 km (4.8 mi) upstream (immediately downstream of I-45 in Galveston County)

**AUID: 1101F\_01      From the Clear Creek Tidal confluence to a point 7.9 km (4.9 mi) upstream (immediately downstream of IH 45)**

**Bacteria Geomean**

**CN**      E. coli      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1102 Clear Creek Above Tidal**  
 From a point 100 meters (110 yards) upstream of FM 528 in Galveston/Harris County to Rouen Road in Fort Bend County

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

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted and No-Consumption UNK - Source Unknown

**AUID: 1102\_02 SH 288 to Hickory Slough confluence**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted and No-Consumption UNK - Source Unknown

**Fish Community**

**CN** Fish Community NPS - Urban Runoff/Storm Sewers

**Habitat**

**CS** Habitat UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**AUID: 1102\_03 Hickory Slough confluence to Turkey Creek confluence**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted and No-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1102 Clear Creek Above Tidal**  
 From a point 100 meters (110 yards) upstream of FM 528 in Galveston/Harris County to Rouen Road in Fort Bend County

**AUID: 1102\_04 Turkey Creek confluence to Mary's Creek confluence**

**Bacteria Geomean**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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

**NS** Restricted and No-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

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

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted and No-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 1102A Cowart Creek (unclassified water body)**  
 From the Clear Creek Above Tidal confluence in Galveston County to SH 35 in Brazoria County

**AUID: 1102A\_01 Sunset Drive to SH 35**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**AUID: 1102A\_02 Confluence with Clear Creek to Sunset Drive**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1102B Mary's Creek/ North Fork Mary's Creek (unclassified water body)**  
 Perennial stream from the confl. With Clear Creek to confl. With N. and S. Fork Mary's Creek near FM 1128, approx. 5 km SW Pearland. Includes perennial portion of N. Fork Mary's Creek to confl. with unnamed trib approx. 3.2 km upstrm of FM 1128

**AUID: 1102B\_01 From the Clear Creek Above Tidal confluence upstream to the N. and S. Fork Mary's Creek near FM 1128**

**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1102C Hickory Slough (unclassified water body)**  
 From the Clear Creek Above Tidal confluence to a point 0.69 km (0.43 mi) upstream of Mykawa Road

**AUID: 1102C\_01 From the Clear Creek Above Tidal confluence to a point 0.69 km (0.43 mi) upstream of Mykawa Road**

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
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**Bacteria Single Sample**

<b>CN</b>	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
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**SEGID: 1102D Turkey Creek (unclassified water body)**  
 From the Clear Creek Above Tidal confluence to a point 0.98 km (0.61 mi) upstream of Scarsdale Blvd

**AUID: 1102D\_01 From the Clear Creek Above Tidal confluence to a point 0.98 km (0.61 mi) upstream of Scarsdale Blvd**

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
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**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<b>CS</b>	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1102E      Mud Gully (unclassified water body)**  
 From the Clear Creek Above Tidal confluence to a point 0.80 km (0.49 mi) downstream of Hughes Road

**AUID: 1102E\_01      From the Clear Creek Above Tidal confluence to a point 0.80 km (0.49 mi) downstream of Hughes Road**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 1102F      Mary's Creek Bypass (unclassified water body)**  
 From the Mary's Creek confluence NE of FM 518 to a point 0.96 km (0.60 mi) upstream to the Mary's Creek confluence (NW of County Road 126)

**AUID: 1102F\_01      From the Mary's Creek confluence NE of FM 518 to a point 0.96 km (0.60 mi) upstream to the Mary's Creek confluence (NW of County Road 126)**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**SEGID: 1102G      Unnamed Tributary of Mary's Creek (unclassified water body)**  
 From the Mary's Creek confluence 1.3 km (0.84 mi) west of FM 1128 to a point 1.2 km (0.75 mi) upstream to the confluence of an unnamed tributary

**AUID: 1102G\_01      From the Mary's Creek confluence 1.3 km (0.84 mi) west of FM 1128 to a point 1.2 km (0.75 mi) upstream to the confluence of an unnamed tributary**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1103 Dickinson Bayou Tidal**  
 From the Dickinson Bay confluence 2.1 km (1.3 miles) downstream of SH 146 in Galveston County to a point 4.0 km (2.5 miles) downstream of FM 517 in Galveston County

**AUID: 1103\_01 From the Dickinson Bay confluence (downstream of State Hwy 146) upstream to the Gum Bayou confluence**

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

**NS** Restricted-Consumption UNK - Source Unknown

**AUID: 1103\_02 From the Gum Bayou confluence upstream to the Benson Bayou confluence**

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**AUID: 1103\_03 From the Benson Bayou confluence upstream to the Bordens Gully confluence**

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

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

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**SEGID: 1103A Bensons Bayou (unclassified water body)**  
 From the Dickinson Bayou confluence to point 0.6 km (0.37 mi) upstream of FM 646 in Galveston County

**AUID: 1103A\_01 From the Dickinson Bayou Tidal confluence to point 0.6 km (0.37 mi) upstream of FM 646**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**SEGID: 1103B Bordens Gully (unclassified water body)**  
 From the Dickinson Bayou Tidal confluence to a point 1.4 km (0.87 mi) upstream of FM 646 in Galveston County

**AUID: 1103B\_01 From the Dickinson Bayou Tidal confluence to a point 1.4 km (0.87 mi) upstream of FM 646**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1103C      Geisler Bayou (unclassified water body)**  
 From the Dickinson Bayou Tidal confluence to a point 1.37 km (0.85 mi) upstream of FM 646 in Galveston County

**AUID: 1103C\_01      From the Dickinson Bayou Tidal confluence to a point 1.37 km (0.85 mi) upstream of FM 646**

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Bacteria Single Sample**

**NS**      Enterococcus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**SEGID: 1103D      Gum Bayou (unclassified water body)**  
 From the Dickinson Bayou Tidal confluence to State Hwy 96 in Galveston County

**AUID: 1103D\_01      From Dickinson Bayou Tidal confluence to State Hwy 96**

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Bacteria Single Sample**

**CN**      Enterococcus      NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**SEGID: 1103E      Cedar Creek (unclassified water body)**  
 From the Dickinson Bayou Tidal confluence to a point 0.63 km (0.39 mi) upstream FM 517 in Galveston County

**AUID: 1103E\_01      From the Dickinson Bayou Tidal confluence to a point 0.63 km (0.39 mi) upstream FM 517**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1104 Dickinson Bayou Above Tidal**  
 From a point 4.0 km (2.5 miles) downstream of FM 517 in Galveston County to FM 528 in Galveston County

**AUID: 1104\_01 From the lower segment boundary (a point 4.0 km (2.5 mi) downstream of FM 517) to FM 517**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**AUID: 1104\_02 From FM 517 upstream to FM 528**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**SEGID: 1105 Bastrop Bayou Tidal**  
 From the Bastrop Bay confluence 1.1 km (0.7 miles) downstream of the Intracoastal Waterway in Brazoria County to Old Clute Road at Lake Jackson in Brazoria County

**AUID: 1105\_01 From the Bastrop Bay confluence 1.1 km (0.7 mi) downstream of the Intracoastal Waterway to Old Clute Road at Lake Jackson**

**Bacteria Single Sample**

**CN** Enterococcus NPS - Non-Point Source; PS - Point Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Point Source Unknown

**SEGID: 1105A Flores Bayou (unclassified water body)**  
 From a point 2.6 km (1.6 mi) downstream of County Road 171 upstream to SH 35 in Brazoria County

**AUID: 1105A\_01 From a point 2.6 km (1.6 mi) downstream of County Road 171 upstream to SH 35**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1105B      Austin Bayou Tidal (unclassified water body)**  
 From the Bastrop Bayou Tidal confluence to the FM 2004 bridge crossing in Brazoria County

**AUID: 1105B\_01      From the Bastrop Bayou Tidal confluence to the FM 2004 bridge crossing**

**Dissolved Oxygen grab minimum**

**CN**      Dissolved Oxygen Grab      NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 1105C      Austin Bayou Above Tidal (unclassified water body)**  
 From FM 2004 upstream (Austin Bayou Tidal upper boundary) to 0.3 km (0.19 mi) upstream of SH 288 in Brazoria County

**AUID: 1105C\_01      From FM 2004 upstream to 0.3 km (0.19 mi) upstream of SH 288**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 1107      Chocolate Bayou Tidal**  
 From the Chocolate Bay confluence 1.4 km (0.9 miles) downstream of FM 2004 to a point 4.2 km (2.6 miles) downstream of SH 35 in Brazoria County

**AUID: 1107\_01      From the Chocolate Bay confluence 1.4 km (0.9 mi) downstream of FM 2004 to a point 4.2 km (2.6 mi) downstream of SH 35**

**Bacteria Single Sample**

**NS**      Enterococcus      UNK - Source Unknown

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source

**SEGID: 1108      Chocolate Bayou Above Tidal**  
 From a point 4.2 km (2.6 miles) downstream of SH 35 in Brazoria County to SH 6 in Brazoria County

**AUID: 1108\_01      From a point 4.2 km (2.6 mi) downstream of SH 35 to SH 6**

**Habitat**

**CS**      Habitat      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1110      Oyster Creek Above Tidal**  
 From a point 100 meters (110 yards) upstream of FM 2004 in Brazoria County to the Brazos River Authority diversion dam 1.8 km (1.1 miles) upstream of SH 6 in Fort Bend County

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

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; PS - Municipal Point Source Discharges

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

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**SEGID: 1111      Old Brazos River Channel Tidal**  
 From the Intercoastal Waterway confluence to SH 288 in Brazoria County

**AUID: 1111\_01      From the Intracoastal Waterway confluence State Hwy 288**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1113      Armand Bayou Tidal**  
 From the Clear Lake confluence (at NASA Road 1 bridge) in Harris County to a point 0.8 km (0.5 miles) downstream of Genoa-Red Bluff Road in Pasadena in Harris County (includes Mud Lake/Pasadena Lake)

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

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Non-Point Source

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1113A Armand Bayou Above Tidal (unclassified water body)**  
 From the upper segment boundary of Armand Bayou Tidal, 0.8 km (0.5 miles) downstream of Genoa-Red Bluff Road), upstream to Beltway 8 in Harris County

**AUID: 1113A\_01 From the upper segment boundary of Armand Bayou Tidal (point 0.8 km (0.5 miles) downstream of Genoa-Red Bluff Road) upstream to Beltway 8**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 1113B Horsepen Bayou Tidal (unclassified water body)**  
 From the Armand Bayou confluence to the SH3

**AUID: 1113B\_01 From the Armand Bayou confluence to the SH3**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

**CS** Nitrate NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS** Total Phosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 1113C Unnamed Tributary to Horsepen Bayou (unclassified water body)**  
 From the Horsepen Bayou confluence to Reseda Road

**AUID: 1113C\_01 From the Horsepen Bayou confluence to Reseda Road**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Unspecified Land Disturbance

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers



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**SEGID: 1113D Willow Springs Bayou (unclassified water body)**  
 From the Armand Bayou confluence to a point 2.8 km (1.8 mi) upstream to an unnamed tributary

**AUID: 1113D\_01 From the Armand Bayou confluence to a point 2.8 km (1.8 mi) upstream to an unnamed tributary**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 1113E Big Island Slough (unclassified water body)**  
 From the Armand Bayou confluence upstream to a point 2.4 km (1.5 mi) north of Spencer Hwy

**AUID: 1113E\_01 From the Armand Bayou confluence upstream to a point 2.4 km (1.5 mi) north of Spencer Hwy**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**SEGID: 1201 Brazos River Tidal**  
 From the confluence with the Gulf of Mexico in Brazoria County to a point 100 meters (110 miles) upstream of SH 332 in Brazoria County

**AUID: 1201\_01 Entire segment**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

**SEGID: 1202 Brazos River Below Navasota River**  
 From a point 100 meters (110 yards) upstream of SH 332 in Brazoria County to the confluence of the Navasota River in Grimes County

**AUID: 1202\_02 Portion of the Brazos River from the confluence with Flat Bank Creek upstream to the confluence with Bessie's Creek in Fort Bend County.**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling

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**SEGID:** 1202H      **Allen's Creek (unclassified water body)**  
 From the confluence with the Brazos River, two miles northeast of Wallis, to the headwaters one mile north of IH 10 in Austin County.

**AUID:** 1202H\_01      *Entire water body*

**Bacteria Geomean**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Rangeland Grazing

**Bacteria Single Sample**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - Rangeland Grazing

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources; NPS - Non-Point Source; NPS - Rangeland Grazing

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Municipal (Urbanized High Density Area) Runoff

**SEGID:** 1202J      **Big Creek (unclassified water body)**  
 From the confluence of Cottonwood and Coon Creeks, 5 miles north of Needville in Fort Bend County, downstream to the confluence with the Brazos River

**AUID:** 1202J\_01      *From the confluence with the Brazos River, upstream to the confluence with Fairchild's Creek in Fort Bend County*

**Fish Community**

**CN**      Fish Community      NPS - Natural Conditions - Water Quality Standards Use Attainability Analysis Needed

**Habitat**

**CS**      Habitat      NPS - Natural Sources; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Rangeland Grazing

**AUID:** 1202J\_02      *From the confluence with Fairchild's creek upstream to the confluence with Cottonwood and Coon Creeks in Fort Bend County*

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Agriculture; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Rangeland Grazing

**CS**      Total Phosphorus      NPS - Agriculture; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Rangeland Grazing

**CS**      Nitrate      NPS - Agriculture

**SEGID:** 1202K      **Mill Creek (unclassified water body)**  
 From confluence of East and West Mill Creeks downstream to confluence with Brazos River

**AUID:** 1202K\_01      *Portion of Mill Creek from confluence with Brazos River upstream to confluence with East/West Forks Mill Creek in Austin County.*

**Bacteria Geomean**

**NS**      E. coli      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1202P      Pond Creek (unclassified water body)**  
 From its confluence with Clear Creek upstream to its headwaters, 3 miles north of Prairie View in Waller County

**AUID: 1202P\_01      entire water body**

**Nutrient Screening Levels**

**CS**      Orthophosphorus      UNK - Source Unknown

**SEGID: 1203      Whitney Lake**  
 From Whitney Dam in Bosque/Hill County to a point immediately upstream of the confluence of Camp Creek on the Brazos River Arm in Bosque/Johnson County and to a point immediately upstream of the confluence of Rock Creek on the Nolan River Arm in Hill County, up to the normal pool elevation of 533 feet (impounds Brazos River)

**AUID: 1203\_01      Portion near dam**

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      NPS - Internal Nutrient Recycling

**AUID: 1203\_03      Steele Creek Arm**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

**AUID: 1203\_05      Nolan River Arm**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Agriculture; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**AUID: 1203\_06      Brazos River Arm**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Agriculture; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**SEGID: 1204      Brazos River Below Lake Granbury**  
 From a point immediately upstream of the confluence of Camp Creek in Bosque/Johnson County to DeCordova Bend Dam in Hood County

**AUID: 1204\_02      Portion of Brazos River below Lake Granbury from the confluence with the Paluxy River upstream to DeCordova Bend Dam in Hood County.**

**Habitat**

**CS**      Habitat      NPS - Natural Sources; NPS - Streambank Modifications/destablization

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1204A      Camp Creek (unclassified water body)**  
 From its confluence with the Brazos River downstream of Lake Granbury, upstream to its headwaters, 0.9 miles north of US Hwy 67 in Johnson County.

**AUID: 1204A\_01      entire water body**  
Bacteria Geomean  
**NS**                  E. coli                  UNK - Source Unknown

Nutrient Screening Levels  
**CS**                  Nitrate                  UNK - Source Unknown

**SEGID: 1205      Lake Granbury**  
 From DeCordova Bend Dam in Hood County to a point 100 meters (110 yards) upstream of FM 2580 in Parker County, up to normal pool elevation of 693 feet (impounds Brazos River)

**AUID: 1205\_02      Portion of lake adjacent to the City of Oak Trail Shores**  
Nutrient Screening Levels  
**CS**                  Chlorophyll-a                  NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges; PS - Package Plant or Other Permitted Small Flows Discharges

**AUID: 1205\_03      Portion of lake adjacent to the City of Granbury**  
Nutrient Screening Levels  
**CS**                  Chlorophyll-a                  NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges; PS - Package Plant or Other Permitted Small Flows Discharges

**AUID: 1205\_05      Downstream portion of lake**  
Nutrient Screening Levels  
**CS**                  Chlorophyll-a                  NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges; PS - Package Plant or Other Permitted Small Flows Discharges

**SEGID: 1206      Brazos River Below Possum Kingdom Lake**  
 From a point 100 meters (110 yards) upstream of FM 2580 in Parker County to Morris Sheppard Dam in Palo Pinto County

**AUID: 1206\_01      Portion of the Brazos River 100 meters (110 yards) upstream of FM 2580 in Parker County upstream to confluence with Rock Creek in Parker County.**  
Habitat  
**CS**                  Habitat                  NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Loss of Riparian Habitat

Macrobenthic Community  
**CN**                  Macrobenthic Community                  NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Loss of Riparian Habitat

**AUID: 1206\_02      Portion of Brazos River from confluence with Rock Creek upstream to confluence with Elm Creek in Palo Pinto County.**  
Habitat  
**CS**                  Habitat                  NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Loss of Riparian Habitat

Macrobenthic Community  
**CN**                  Macrobenthic Community                  NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Loss of Riparian Habitat

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1208 Brazos River Above Possum Kingdom Lake**  
 From a point immediately upstream of the confluence of Cove Creek at Salem Bend in Young County to the confluence of the Double Mountain Fork Brazos River and the Salt Fork Brazos River in Stonewall County

**AUID: 1208\_01** *Portion of segment from confluence with Possum Kingdom Reservoir headwaters upstream to confluence with Spring Branch in Young County.*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source

**Bacteria Single Sample**

**CN** E. coli NPS - Non-Point Source

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling

**AUID: 1208\_02** *Portion of segment from confluence with Spring Branch upstream to confluence with Fish Creek*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source

**AUID: 1208\_04** *From confluence with Boggy Creek upstream to confluence with Millers Creek*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source

**AUID: 1208\_05** *From confluence with Millers Creek upstream to confluence with Lake Creek*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source

**Bacteria Single Sample**

**CN** E. coli NPS - Non-Point Source

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling

**SEGID: 1208A Millers Creek Reservoir (unclassified water body)**  
 Impoundment of Millers Creek, 12.5 miles southwest of Seymour in Baylor County

**AUID: 1208A\_01** *entire water body*

**Bacteria Geomean**

**CN** E. coli NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Shallow Lake/Reservoir

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1209      **Navasota River Below Lake Limestone**  
 From the confluence with the Brazos River in Grimes County to Sterling C. Robertson Dam in Leon/Robertson County

**AUID:** 1209\_01      *Portion of Navasota River from confluence with Brazos River upstream to confluence with Rocky Creek in grimes County.*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges
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**AUID:** 1209\_02      *Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch in Grimes County.*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges
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**AUID:** 1209\_03      *Portion of Navasota River from confluence with Sandy Branch upstream to confluence with Shepherd Branch in Madison County.*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges
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**AUID:** 1209\_05      *Portion of Navasota River from confluence with Camp Creek upstream to Lake Limestone Dam in Robertson County.*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges
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**SEGID:** 1209A      **Country Club Lake (unclassified water body)**  
 From the Country Club Branch Dam up to normal pool elevation in Bryan in Brazos County

**AUID:** 1209A\_01      *Entire reservoir*

**LOE Toxic Sediment condition**

<b>NS</b>	Sediment Toxicity (LOE)	NPS - Industrial Land Treatment; NPS - Non-Point Source
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Non-Point Source
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<b>CS</b>	Total Phosphorus	NPS - Non-Point Source
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**SEGID: 1209B      Fin Feather Lake (unclassified water body)**

From Fin Feather Dam up to normal pool elevation in northwest Bryan in Brazos County

**AUID: 1209B\_01      Entire reservoir**

**LOE Toxic Sediment condition**

**NS**      Sediment Toxicity (LOE)      NPS - Industrial Land Treatment; NPS - Non-Point Source

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Urban Runoff/Storm Sewers

**CS**      Orthophosphorus      NPS - Non-Point Source

**Toxic Substances in sediment**

**CS**      Arsenic      NPS - Industrial Land Treatment

**CS**      Zinc      NPS - Industrial Land Treatment; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

**CS**      DDE      NPS - Industrial Land Treatment; NPS - Urban Runoff/Storm Sewers

**CS**      DDD      NPS - Industrial Land Treatment; NPS - Urban Runoff/Storm Sewers

**CS**      Chromium      NPS - Industrial Land Treatment

**CS**      Copper      NPS - Industrial Land Treatment

**SEGID: 1209C      Carters Creek (unclassified water body)**

Perennial stream from the confluence with the Navasota River southeast of College Station in Brazos County upstream to the confluence of an unnamed tributary 0.5 km upstream of FM 158 in Brazos County

**AUID: 1209C\_01      Entire water body**

**Bacteria Geomean**

**NS**      E. coli      NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      E. coli      NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1209D      **Country Club Branch (unclassified water body)**  
 From the confluence with Country Club Lake in Bryan in Brazos County to the dam at Fin Feather Lake in Bryan

*AUID: 1209D\_01    Entire water body*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Non-Point Source

**SEGID:** 1209E      **Wickson Creek (unclassified water body)**  
 Perennial stream from the confluence with an unnamed first order tributary (approximately 1.3 km upstream of Reliance Road crossing) upstream to the confluence with an unnamed first order tributary approximately 15 meters upstream of Dilly Shaw Road

*AUID: 1209E\_01    Entire water body*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      NPS - Natural Sources; NPS - Non-Point Source

**SEGID:** 1209G      **Cedar Creek (unclassified water body)**  
 From the confluence with the Navasota River in Brazos County to the confluence with Moores Branch and Rocky Branch in Robertson County

*AUID: 1209G\_01    Entire water body*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab                      NPS - Natural Sources; NPS - Non-Point Source

**Habitat**

**CS**                      Habitat                      UNK - Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1209H      Duck Creek (unclassified water body)**  
 From the confluence with the Navasota river in Robertson County to Twin Oak Reservoir dam in Robertson County

**AUID: 1209H\_01      Portion of Duck Creek from confluence with Navasota River upstream to confluence with Mineral Creek in Robertson County.**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source

**Dissolved Oxygen 24hr average**

**CN**                  Dissolved Oxygen 24hr Avg                  NPS - Natural Sources; NPS - Non-Point Source

**Dissolved Oxygen 24hr minimum**

**CN**                  Dissolved Oxygen 24hr Min                  NPS - Natural Sources; NPS - Non-Point Source

**Dissolved Oxygen grab minimum**

**CN**                  Dissolved Oxygen Grab                  NPS - Natural Sources; NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  NPS - Natural Sources; NPS - Non-Point Source

**AUID: 1209H\_02      Portion of Duck Creek from confluence with Mineral Creek in Robertson County upstream to headwaters in Limestone County.**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  NPS - Natural Sources; NPS - Non-Point Source

**SEGID: 1209I      Gibbons Creek (unclassified water body)**  
 From confluence with Navasota River in Grimes County to SH 90 in Grimes County

**AUID: 1209I\_01      Portion of Gibbons Creek from confluence with Navasota River upstream to confluence with Dry Creek in Grimes County.**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Non-Point Source

**AUID: 1209I\_02      Portion of Gibbons Creek from confluence with Dry Creek upstream to Gibbons Creek Reservoir dam in Grimes County**

**Bacteria Geomean**

**CN**                  E. coli                  NPS - Non-Point Source

**Bacteria Single Sample**

**CN**                  E. coli                  NPS - Non-Point Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1209J      Shepherd Creek (unclassified water body)**  
 From the confluence with the Navasota River in Madison County to a point 0.7 miles upstream of FM 1452 in Madison County

**AUID: 1209J\_01      Entire water body**  
**Bacteria Geomean**  
**NS**      Fecal coliform      NPS - Non-Point Source

**Bacteria Single Sample**  
**NS**      Fecal coliform      NPS - Non-Point Source

**Dissolved Oxygen grab minimum**  
**CN**      Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Oxygen grab screening level**  
**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**SEGID: 1209K      Steele Creek (unclassified water body)**  
 From confluence with Navasota River in Robertson County to a point 2.4 miles upstream of FM 147 in Limestone County

**AUID: 1209K\_02      Portion of Steele Creek from confluence with Willow Creek upstream to headwaters in Limestone County.**  
**Bacteria Geomean**  
**NS**      Fecal coliform      NPS - Natural Sources; NPS - Non-Point Source

**Bacteria Single Sample**  
**NS**      Fecal coliform      NPS - Natural Sources; NPS - Non-Point Source

**SEGID: 1209L      Burton Creek (unclassified water body)**  
 From the confluence with Carters Creek in College Station, upstream to its headwaters located 0.4 miles east of Fin Feather Lake in Brazos County.

**AUID: 1209L\_01      From confluence with Carters Creek in College Station upstream to un-named tributary, 0.5 km downstream of E. 29th Street.**  
**Bacteria Geomean**  
**NS**      E. coli      PS - Municipal Point Source Discharges

**Bacteria Single Sample**  
**NS**      E. coli      PS - Municipal Point Source Discharges

**Nutrient Screening Levels**  
**CS**      Nitrate      PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1210      Lake Mexia**  
 From Bistone Dam in Limestone County up to the normal pool elevation of 448.3 feet (impounds Navasota River)

**AUID: 1210\_01      Eastern end of reservoir, from dam to RR 2681 east of Washington Park**

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Agriculture; NPS - Internal Nutrient Recycling
<b>CS</b>	Orthophosphorus	NPS - Agriculture
<b>CS</b>	Ammonia	NPS - Agriculture
<b>CS</b>	Total Phosphorus	NPS - Agriculture

**AUID: 1210\_02      Western end, from point where reservoir begins to widen, to upper end**

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Agriculture; NPS - Internal Nutrient Recycling
<b>CS</b>	Orthophosphorus	NPS - Agriculture
<b>CS</b>	Total Phosphorus	NPS - Agriculture

**SEGID: 1210A      Navasota River above Lake Mexia (unclassified water body)**  
 From the confluence with the headwaters of Lake Mexia in Limestone County to a point 1.25 miles upstream of SH 31 in Hill County

**AUID: 1210A\_01      Entire water body**

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1211A	<b>Davidson Creek (unclassified water body)</b>	
	Intermittent stream with perennial pools from the confluence with Yegua Creek to 0.2 km above SH 21 near Caldwell in Burleson County	
<b>AUID:</b> 1211A_02	<b>Portion of Davidson Creek from confluence with unnamed tributary (NHD RC 12070102001903) upstream to headwaters in Milam County.</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Agriculture; NPS - Natural Sources; NPS - Non-Point Source
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Agriculture; NPS - Natural Sources; NPS - Non-Point Source
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; NPS - Non-Point Source
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Natural Sources; NPS - Non-Point Source
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1212 Somerville Lake**  
 From Somerville Dam in Burleson/Washington County up to normal pool elevation of 238 feet (impounds Yegua Creek)

**AUID: 1212\_01 Eastern end of reservoir near dam**

**Continuous pH Daily Maximum**

**NS** Continuous pH NPS - Agriculture; NPS - Internal Nutrient Recycling

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg UNK - Source Unknown

**Fish Kill Reports**

**CN** Fish Kill Reports NPS - Agriculture; NPS - Internal Nutrient Recycling

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**AUID: 1212\_02 Northern arm of reservoir near town of Somerville**

**Fish Kill Reports**

**CN** Fish Kill Reports NPS - Agriculture; NPS - Internal Nutrient Recycling

**AUID: 1212\_03 Middle of reservoir near Birch Creek State Park**

**Continuous pH Daily Maximum**

**NS** Continuous pH NPS - Agriculture; NPS - Internal Nutrient Recycling

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**AUID: 1212\_04 Western end of reservoir near upper segment boundary**

**Continuous pH Daily Maximum**

**NS** Continuous pH NPS - Agriculture; NPS - Internal Nutrient Recycling

**Fish Kill Reports**

**CN** Fish Kill Reports NPS - Agriculture; NPS - Internal Nutrient Recycling

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1212A Middle Yegua Creek (unclassified water body)**  
 From the confluence with East Yegua and Yegua Creeks in Lee County to the Lee County/Williamson County line

**AUID: 1212A\_02** *From confluence with West Yegua Creek upstream to headwaters of water body in Williamson County.*

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Habitat**

**CS** Habitat UNK - Source Unknown

**Macrobenthic Community**

**CN** Macrobenthic Community UNK - Source Unknown

**SEGID: 1212B East Yegua Creek (unclassified water body)**  
 From the confluence with Middle Yegua and Yegua Creeks southeast of Dime Box in Lee County to the upstream portion of the stream, south of Alcoa Lake in Milam County

**AUID: 1212B\_01** *Portion of East Yegua Creek from confluence with Middle Yegua Creek in Burlason County upstream to confluence with Allen Creek in Lee County.*

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1213 Little River**  
 From the confluence with the Brazos River in Milam County to the confluence of the Leon River and the Lampasas River in Bell County

**AUID: 1213\_01** *From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water*

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Nitrate NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 1213\_02** *From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River*

**Nutrient Screening Levels**

**CS** Nitrate NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 1213\_03** *From confluence with San Gabriel River upstream to confl. with Boggy Creek*

**Nutrient Screening Levels**

**CS** Nitrate NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 1213\_04** *From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers*

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**SEGID: 1213A Big Elm Creek (unclassified water body)**  
 From the confluence with Little River in Milam county, 4.5 km northeast of the City of Cameron , upstream to its headwaters in McLennan County, 0.7 km west of Moody.

**AUID: 1213A\_01** *Portion of Big Elm Creek from the confluence with the Little River upstream to confluence with Little Elm Creek.*

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1213B Little Elm Creek (unclassified water body)**  
 From the confluence with Big Elm Creek upstream to headwaters, 2.5 km north of Temple in Bell County

**AUID: 1213B\_01 From confluence with Big Elm Creek upstream to confluence with Williamson Branch**

**Dissolved Oxygen 24hr average**

**CN** Dissolved Oxygen 24hr Avg UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**CN** Dissolved Oxygen Grab UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**SEGID: 1213C Unnamed Tributary of Little Elm Creek (unclassified water body)**  
 From confluence with Little Elm Creek upstream to headwaters in Temple, Bell County

**AUID: 1213C\_01 Entire Creek**

**Habitat**

**CS** Habitat UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus UNK - Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1214 San Gabriel River**  
 From the confluence with the Little River in Milam County to Granger Lake Dam in Williamson County

**AUID: 1214\_01 From confluence with Little River upstream to confl. with Alligator Creek**

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Solids**

**NS** Chloride PS - Municipal Point Source Discharges

**NS** Sulfate PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Natural Sources; UNK - Source Unknown

**AUID: 1214\_02 From confluence with Alligator Creek upstream to Lake Granger**

**Dissolved Solids**

**NS** Chloride UNK - Source Unknown

**NS** Sulfate UNK - Source Unknown

**SEGID: 1215 Lampasas River Below Stillhouse Hollow Lake**  
 From the confluence with the Leon River in Bell County to Stillhouse Hollow Lake Dam in Bell County

**AUID: 1215\_01 Entire segment**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**SEGID: 1216A Trimmier Creek (unclassified water body)**  
 From confluence with Stillhouse Hollow Lake upstream to its headwaters, southwest of Killeen in Bell County.

**AUID: 1216A\_01 entire water body**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Macrobenthic Community**

**CN** Macrobenthic Community NPS - Post-development Erosion and Sedimentation

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1217B Sulphur Creek (unclassified water body)**  
 From the confluence of the Lampasas River east of Lampasas in Lampasas County to the confluences of Donalson Creek and Espy Branch west of Lampasas in Lampasas County

**AUID: 1217B\_02** *Portion of Sulphur Creek from the confluence with Burluson Creek upstream to the confluences with Donalson Creek and Espy Branch west of Lampasas in Lampasas County*

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**SEGID: 1217D North Rocky Creek (unclassified water body)**  
 From its confluence with South Rocky Creek, upstream to its headwaters 7 miles west of US Hwy 183 in Burnet County

**AUID: 1217D\_01** *Entire water body*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Sources

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Sources

**SEGID: 1218 Nolan Creek/ South Nolan Creek**  
 From the confluence with the Leon River in Bell County to a point 100 meters (110 yards) upstream to the most upstream crossing of US 190 and Loop 172 in Bell County

**AUID: 1218\_02** *Portion of South Nolan Creek from confluence with North Nolan / Nolan Creek fork upstream to confluence with Liberty Ditch in city of Killeen in Bell County.*

**Bacteria Geomean**

**NS** E. coli NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS** E. coli NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Nitrate NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Municipal (Urbanized High Density Area) Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1218C Little Nolan Creek (unclassified water body)**  
 From the confluence with Nolan Creek/South Nolan Creek upstream to headwaters in the city of Killeen, Bell County.

**AUID: 1218C\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**SEGID: 1219 Leon River Below Belton Lake**  
 From the confluence with the Lampasas River in Bell County to Belton Dam in Bell County

**AUID: 1219\_01 Entire segment**

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Municipal (Urbanized High Density Area) Runoff; UNK - Source Unknown

**CS** Nitrate NPS - Municipal (Urbanized High Density Area) Runoff; UNK - Source Unknown

**SEGID: 1220 Belton Lake**  
 From Belton Dam in Bell County to a point 100 meters (110 yards) upstream of FM 236 in Coryell County, up to the normal pool elevation of 594 feet (impounds Leon River)

**AUID: 1220\_01 Portion of Lake near Dam**

**Fish Kill Reports**

**CN** Fish Kill Reports NPS - Internal Nutrient Recycling

**AUID: 1220\_03 Leon River Arm**

**Fish Kill Reports**

**CN** Fish Kill Reports NPS - Internal Nutrient Recycling

**SEGID: 1220A Cowhouse Creek (unclassified water body)**  
 From the confluence of Belton Lake in Bell County south of Gatesville in Coryell County to the upstream perennial portion of the stream north of Goldthwaite in Mills County

**AUID: 1220A\_03 Upstream portion of water body**

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1221 Leon River Below Proctor Lake**  
 From a point 100 meters (110 yards) upstream of FM 236 in Coryell County to Proctor Dam in Comanche County

**AUID: 1221\_01** *Portion of Leon River from confluence with Lake Belton upstream to confluence with unnamed tributary (NHD RC 12070201005989) in Coryell County.*

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Natural Sources

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**AUID: 1221\_03** *From confluence with Stillhouse Creek, upstream to confluence with Plum Creek*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**AUID: 1221\_04** *From the confluence with Plum Creek, upstream to the confluence with Pecan Creek*

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**AUID: 1221\_05** *From confluence with Pecan Creek, upstream to confluence with South Leon Creek*

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS** E. coli NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1221      Leon River Below Proctor Lake**  
 From a point 100 meters (110 yards) upstream of FM 236 in Coryell County to Proctor Dam in Comanche County

**AUID: 1221\_06      From confluence with South Leon Creek upstream to confluence with Walnut Creek**

**Bacteria Geomean**

**NS**      E. coli      NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      E. coli      NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**AUID: 1221\_07      From the confluence with Walnut Creek upstream to Lake Proctor**

**Bacteria Geomean**

**NS**      E. coli      NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1221A	<b>Resley Creek (unclassified water body)</b>	
From the confluence of the Leon River east of Gustine in Comanche County to the upstream perennial portion of the stream north of Gustine in Comanche County		
<b>AUID:</b> 1221A_01	<b>Portion of Resley Creek from confluence with Leon River upstream to conf. with unnamed tributary (NHD RC 12070201007823), approx. 1.0 mile N. of Comanche County Line</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b><u>Bacteria Single Sample</u></b>		
<b>CN</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b><u>Continuous Dissolved Oxygen Daily 24hr Average</u></b>		
<b>NS</b>	Continuous Dissolved Oxygen 24hr	NPS - Agriculture; NPS - Natural Sources; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Continuous Dissolved Oxygen Daily 24hr Minimum</u></b>		
<b>NS</b>	Continuous Dissolved Oxygen 24hr	NPS - Agriculture; NPS - Natural Sources; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling
<b>AUID:</b> 1221A_02	<b>Portion of Resley Creek from confluence with unnamed tributary (NHD RC 12070201007823), upstream to headwaters in Erath County.</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling
<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1221B	<b>South Leon River (unclassified water body)</b>	From the confluence of the Leon River south of Gustine in Comanche County to the upstream perennial portion of the stream south of Comanche in Comanche County
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**AUID:** 1221B\_01 *Entire water body*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Sources
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<b>SEGID:</b> 1221D	<b>Indian Creek (unclassified water body)</b>	Perennial stream from an unnamed second order tributary (approximately 0.7 km downstream of Live Oak Street crossing) upstream to the confluence with Bachelor Prong Creek
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**AUID:** 1221D\_01 *From confluence with Leon River, upstream to confluence with Armstrong Creek*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Dissolved Oxygen grab minimum**

<b>CN</b>	Dissolved Oxygen Grab	NPS - Natural Sources
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Sources
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**AUID:** 1221D\_02 *From confluence with Armstrong Creek upstream to headwaters of water body*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Natural Sources; UNK - Source Unknown
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Natural Sources; UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	PS - Municipal Point Source Discharges
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<b>CS</b>	Nitrate	PS - Municipal Point Source Discharges
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1221F      **Walnut Creek (unclassified water body)**  
 From its confluence with Leon River upstream to its headwaters 2.4 miles west of Dublin in Erath County

**AUID:** 1221F\_01      *entire water body*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID:** 1222      **Proctor Lake**  
 From Proctor Dam in Comanche County to a point immediately upstream of the confluence of Mill Branch in Comanche County, up to the normal pool elevation of 1162 feet (impounds Leon River)

**AUID:** 1222\_01      *Sabana River arm of lake*

**Nutrient Screening Levels**

**CS**                  Chlorophyll-a                  NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**CS**                  Total Phosphorus                  NPS - Non-Point Source

**AUID:** 1222\_02      *Copperas / Duncan Creeks arm of lake.*

**Nutrient Screening Levels**

**CS**                  Chlorophyll-a                  NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**AUID:** 1222\_03      *Portion of water body near dam*

**Nutrient Screening Levels**

**CS**                  Chlorophyll-a                  NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**SEGID:** 1222A      **Duncan Creek (unclassified water body)**  
 From the confluence of Proctor Lake northeast of Comanche in Comanche County to the upstream perennial portion of the stream west of Comanche in Comanche County

**AUID:** 1222A\_01      *Entire creek*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Dissolved Oxygen 24hr minimum**

**CN**                  Dissolved Oxygen 24hr Min                  NPS - Natural Sources



2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1222B **Rush-Copperas Creek (unclassified water body)**  
 From the confluence of Proctor Lake northeast of Comanche in Comanche County to the upstream perennial portion of the stream northwest of Comanche in Comanche County

**AUID:** 1222B\_01 *Entire water body*

Bacteria Geomean

**NS** E. coli NPS - Non-Point Source

**SEGID:** 1222C **Sabana River (unclassified water body)**  
 From the confluence of Proctor Lake northeast of Comanche in Comanche County to the upstream perennial portion of the stream northwest of Rising Star in Eastland County

**AUID:** 1222C\_01 *Portion of Sabana River from confluence with Lake Belton in Comanche County upstream to confluence with Elm Creek in Eastland County.*

Bacteria Geomean

**NS** E. coli NPS - Non-Point Source

**SEGID:** 1222D **Sowells Creek (unclassified water body)**  
 From its confluence with Lake Proctor, upstream to its headwaters 1.3 miles west of Dublin in Erath County

**AUID:** 1222D\_01 *entire water body*

Bacteria Geomean

**CN** E. coli NPS - Non-Point Source

**SEGID:** 1222E **Sweetwater Creek (unclassified water body)**  
 From its confluence with Copperas Creek, upstream to its headwaters, 6.3 miles west of Comanche in Comanche County

**AUID:** 1222E\_01 *entire water body*

Bacteria Geomean

**NS** E. coli NPS - Non-Point Source

Bacteria Single Sample

**NS** E. coli NPS - Non-Point Source

**SEGID:** 1222F **Hackberry Creek (unclassified water body)**  
 From its confluence with Armstrong Creek, upstream to its headwaters approximately 9.8 miles west of Stephenville in Erath County

**AUID:** 1222F\_01 *entire water body*

Bacteria Geomean

**CN** E. coli UNK - Source Unknown

Dissolved Oxygen grab screening level

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1223      Leon River Below Leon Reservoir**  
 From a point immediately upstream of the confluence of Mill Branch in Comanche County to Leon Dam in Eastland County

**AUID: 1223\_01      Entire Segment**

**Bacteria Geomean**

**NS**      E. coli      NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source

**Bacteria Single Sample**

**NS**      E. coli      NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Natural Sources

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**SEGID: 1223A      Armstrong Creek (unclassified water body)**  
 From its confluence with the Leon River downstream of Leon Reservoir, upstream to its headwaters in Erath County 6.2 miles east of State Hwy 16.

**AUID: 1223A\_01      entire water body**

**Bacteria Geomean**

**NS**      E. coli      NPS - Natural Sources; NPS - Non-Point Source

**Bacteria Single Sample**

**NS**      E. coli      NPS - Natural Sources; NPS - Non-Point Source

**SEGID: 1223B      Cow Creek (unclassified water body)**  
 From the confluence with Armstrong Creek, upstream to its headwaters in Erath County, 5 miles north of Dublin

**AUID: 1223B\_01      entire water body**

**Bacteria Geomean**

**CN**      E. coli      NPS - Non-Point Source

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Non-Point Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1225**

**Waco Lake**

From Waco Lake Dam in McLennan County to a point 100 meters (110 yards) upstream of FM 185 on the North Bosque River Arm in McLennan County and to the confluence of the Middle Bosque River on the South Bosque River Arm in McLennan County, up to the normal pool elevation of 455 feet (impounds Bosque River).

**AUID: 1225\_01**      *North Bosque River arm of lake*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Internal Nutrient Recycling; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
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**AUID: 1225\_02**      *Portion of lake near dam*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Internal Nutrient Recycling; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
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**AUID: 1225\_03**      *Middle/South Bosque River arm of lake*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Internal Nutrient Recycling; NPS - Natural Sources; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 1226	<b>North Bosque River</b>	
From a point 100 meters (110 yards) upstream of FM 185 in McLennan County to a point immediately above the confluence of Indian Creek in Erath County		
<b>AUID:</b> 1226_02	<i>Portion of North Bosque River from confluence with Neils Creek upstream to confluence with Meridian Creek in Bosque County.</i>	
<b><u>Continuous Dissolved Oxygen Daily 24hr Average</u></b>		
<b>CN</b>	Continuous Dissolved Oxygen 24hr	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Continuous Dissolved Oxygen Daily 24hr Minimum</u></b>		
<b>CN</b>	Continuous Dissolved Oxygen 24hr	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Nutrient Enrichment</u></b>		
<b>NS</b>	Algae	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b>AUID:</b> 1226_03	<i>Portion of North Bosque River from confluence with Meridian Creek upstream to confluence with Duffau Creek in Bosque County.</i>	
<b><u>Nutrient Enrichment</u></b>		
<b>NS</b>	Algae	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b>AUID:</b> 1226_04	<i>Portion of North Bosque River from confluence with Duffau Creek in Bosque County upstream to a point immediately upstream of Indian Creek confluence (end of segment) in Erath County.</i>	
<b><u>Macrobenthic Community</u></b>		
<b>CN</b>	Macrobenthic Community	UNK - Source Unknown
<b><u>Nutrient Enrichment</u></b>		
<b>NS</b>	Algae	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1226B      **Green Creek (unclassified water body)**  
 From the confluence of the North Bosque River south of Clairette in Erath County upstream to its headwaters  
 10km west of Stephenville in Erath County

**AUID:** 1226B\_01      *Entire water body*

**Continuous Dissolved Oxygen Daily 24hr Average**

**NS** Continuous Dissolved Oxygen 24hr      NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Continuous Dissolved Oxygen Daily 24hr Minimum**

**NS** Continuous Dissolved Oxygen 24hr      NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab      NPS - Natural Sources

**Nutrient Screening Levels**

**CS** Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**SEGID:** 1226E      **Indian Creek (unclassified water body)**  
 From the confluence with the North Bosque River in Erath County to the headwaters 3.5 miles east of  
 Stephenville in Erath County

**AUID:** 1226E\_01      *Entire water body*

**Bacteria Geomean**

**NS** E. coli      NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS** E. coli      NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Nutrient Screening Levels**

**CS** Nitrate      NPS - Agriculture; NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**CS** Total Phosphorus      NPS - Non-Point Source

**CS** Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Non-Point Source

**SEGID:** 1226F      **Sims Creek (unclassified water body)**  
 From the confluence with the North Bosque River in Erath County to the headwaters 6 miles southeast of  
 Stephenville in Erath County

**AUID:** 1226F\_01      *Entire water body*

**Bacteria Geomean**

**NS** E. coli      NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS** E. coli      NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Nutrient Screening Levels**

**CS** Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Non-Point Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1226H Alarm Creek (unclassified water body)**  
 From its confluence with the North Bosque River, upstream to its headwaters 3 miles west of Stephenville in Erath County

**AUID: 1226H\_01 entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Natural Sources; NPS - Non-Point Source

**Bacteria Single Sample**

**NS** E. coli NPS - Natural Sources; NPS - Non-Point Source

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling

**SEGID: 1226K Little Duffau Creek (unclassified water body)**  
 From its confluence with Duffau Creek, upstream to its headwaters 2.4 miles south west of US 67 in Erath County

**AUID: 1226K\_01 entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**CS** Total Phosphorus NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID: 1226M Little Green Creek (unclassified water body)**  
 From its confluence with Green Creek, upstream to its confluence with the North and South Forks of Little Green Creek, 2.4 miles south of SH 6 in Erath County.

**AUID: 1226M\_01 entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1226N Indian Creek Reservoir (unclassified water body)**  
 Impounded Indian Creek in Erath County, 5.6 miles southeast of Stephenville

*AUID: 1226N\_01 entire water body*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b>CS</b>	Orthophosphorus	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b>CS</b>	Ammonia	NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b>CS</b>	Total Phosphorus	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID: 1226O Sims Creek Reservoir (unclassified water body)**  
 Impounded Sims Creek in Erath County, 6.8 miles south east of Stephenville

*AUID: 1226O\_01 entire water body*

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1227      Nolan River**  
 From a point immediately upstream of the confluence of Rock Creek in Hill County to Cleburne Dam in Johnson County

**AUID: 1227\_01      Portion of Nolan River from confluence with Whitney Lake upstream to confluence with Mustang Creek in Hill County.**

**Dissolved Solids**

**NS**      Chloride      PS - Municipal Point Source Discharges

**NS**      Sulfate      PS - Municipal Point Source Discharges

**NS**      Total Dissolved Solids      PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

**AUID: 1227\_02      Portion of Nolan River from confluence with Mustang Creek in Hill County upstream to confluence with Lake Pat Cleburne Dam in Johnson County.**

**Dissolved Solids**

**NS**      Chloride      PS - Municipal Point Source Discharges

**NS**      Sulfate      PS - Municipal Point Source Discharges

**NS**      Total Dissolved Solids      PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**CS**      Total Phosphorus      UNK - Source Unknown

**SEGID: 1227A      Buffalo Creek (unclassified water body)**  
 From the confluence with the Nolan River upstream to the confluence with East Buffalo Creek and West Buffalo Creek

**AUID: 1227A\_01      Entire segment**

**Nutrient Screening Levels**

**CS**      Nitrate      PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      PS - Municipal Point Source Discharges

**SEGID: 1228      Lake Pat Cleburne**  
 From Cleburne Dam in Johnson County up to the normal pool elevation of 733.5 feet (impounds Nolan River)

**AUID: 1228\_01      Entire water body**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; UNK - Source Unknown



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1229A      **Squaw Creek Reservoir (unclassified water body)**  
 Impounded Squaw Creek in Hood and Somerville Counties, 2.4 miles north of Glen Rose.

**AUID:** 1229A\_01      *Entire water body*

**Nutrient Screening Levels**

**CS**      Total Phosphorus      UNK - Source Unknown

**CS**      Orthophosphorus      UNK - Source Unknown

**SEGID:** 1232      **Clear Fork Brazos River**  
 From the confluence with the Brazos River in Young County to the most upstream crossing of US 180 in Fisher County

**AUID:** 1232\_02      *From confluence with Hubbard Creek upstream to confluence with Deadman Creek*

**Nutrient Screening Levels**

**CS**      Total Phosphorus      PS - Point Source Unknown

**CS**      Orthophosphorus      NPS - Natural Sources; PS - Point Source Unknown

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; PS - Point Source Unknown

**CS**      Nitrate      NPS - Natural Sources; PS - Point Source Unknown

**AUID:** 1232\_03      *From confluence with Deadman Creek upstream to conf. With Bitter Creek*

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; PS - Point Source Unknown

**SEGID:** 1232A      **California Creek (unclassified water body)**  
 From the confluence of Paint Creek southeast of Haskell in Haskell County to the headwaters southwest of Stamford in Jones County

**AUID:** 1232A\_01      *Portion of California Creek from confluence with Paint Creek in Haskell County upstream to confluence with Thompson Creek in Jones County.*

**Bacteria Geomean**

**NS**      E. coli      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1232B      Deadman Creek (unclassified water body)**  
 From the confluence of the Clear Fork Brazos River south of Lueders in Jones County to the headwaters north of Hamby in Jones County

**AUID: 1232B\_01      From the confluence with Clear Fork Brazos, upstream to city of Abilene WWTP receiving water**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**                  Nitrate                  PS - Municipal Point Source Discharges

**CS**                  Total Phosphorus      PS - Municipal Point Source Discharges

**CS**                  Orthophosphorus      PS - Municipal Point Source Discharges

**AUID: 1232B\_02      Upstream of WWTP outfall to headwaters**

**Bacteria Geomean**

**CN**                  E. coli                  NPS - Non-Point Source

**SEGID: 1232C      Paint Creek (unclassified water body)**  
 From the confluence with the Clear Fork Brazos River in Throckmorton County, upstream to its headwaters in Jones County, 2.7 km north of SH 92.

**AUID: 1232C\_01      From confluence with Clear Fork Brazos River upstream to Lake Stamford**

**Nutrient Screening Levels**

**CS**                  Chlorophyll-a          NPS - Internal Nutrient Recycling

**SEGID: 1233A      Big Sandy Creek (unclassified water body)**  
 From its confluence with Hubbard Creek Reservoir, upstream to its headwaters 4 miles west of US 183 in Stephens County.

**AUID: 1233A\_01      entire water body**

**Bacteria Geomean**

**CN**                  Fecal coliform          NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Bacteria Single Sample**

**CN**                  Fecal coliform          NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**SEGID: 1238A      Croton Creek (unclassified water body)**  
 From its confluence with the Salt Fork of the Brazos River, upstream to its headwaters 1.6 miles north of Dickens in Dickens County

**AUID: 1238A\_01      entire water body**

**Bacteria Geomean**

**CN**                  E. coli                  UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1240      White River Lake**  
 From White River Dam in Crosby County up to normal pool elevation of 2369 feet (impounds White River)

**AUID: 1240\_01      Entire segment**

**Dissolved Solids**

**NS**      Chloride      NPS - Natural Sources

**NS**      Sulfate      NPS - Natural Sources

**NS**      Total Dissolved Solids      NPS - Natural Sources

**SEGID: 1241      Double Mountain Fork Brazos River**  
 From the confluence with the Salt Fork Brazos River in Stonewall County to the confluence of the North Fork Double Mountain Fork Brazos River in Kent County

**AUID: 1241\_01      25 miles near Hwy 83**

**Bacteria Geomean**

**NS**      E. coli      UNK - Source Unknown

**Dissolved Solids**

**NS**      Chloride      NPS - Natural Sources

**NS**      Total Dissolved Solids      NPS - Natural Sources

**AUID: 1241\_02      Remainder of segment**

**Dissolved Solids**

**NS**      Chloride      NPS - Natural Sources

**NS**      Total Dissolved Solids      NPS - Natural Sources

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1241A North Fork Double Mountain Fork Brazos River (unclassified water body)**  
 Perennial stream from the confluence with Double Mountain Fork Brazos River to the dam forming Lake Ransom Canyon

**AUID: 1241A\_01 From confluence with Double Mountain Fork of Brazos River to Lake Ransom Canyon**

**Bacteria Single Sample**

**CN** E. coli NPS - Agriculture; NPS - Livestock (Grazing or Feeding Operations); PS - Industrial Thermal Discharges; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; UNK - Source Unknown

**CS** Nitrate NPS - Agriculture; NPS - Livestock (Grazing or Feeding Operations); PS - Point Source Unknown

**CS** Orthophosphorus NPS - Municipal (Urbanized High Density Area) Runoff; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Municipal (Urbanized High Density Area) Runoff; PS - Municipal Point Source Discharges

**AUID: 1241A\_02 Upstream portion, from confluence with Lake Buffalo Springs upstream to confluence with Yellow House Draw**

**Bacteria Geomean**

**NS** E. coli NPS - Agriculture; NPS - Livestock (Grazing or Feeding Operations); PS - Industrial Thermal Discharges

**Bacteria Single Sample**

**CN** E. coli NPS - Agriculture; NPS - Livestock (Grazing or Feeding Operations); PS - Industrial Thermal Discharges; PS - Point Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; UNK - Source Unknown

**CS** Nitrate NPS - Agriculture; NPS - Livestock (Grazing or Feeding Operations); PS - Point Source Unknown

**SEGID: 1241B Lake Alan Henry (unclassified water body)**  
 Impounded Double Mountain Fork Brazos Rive, 20.0 miles south east of Post in Garza and Kent Counties.

**AUID: 1241B\_01 entire water body**

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

**NS** Restricted and No-Consumption UNK - Source Unknown

**SEGID: 1241C Buffalo Springs Lake (unclassified water body)**  
 Impounded North Fork Double Mountain Fork Brazos River within city limits of Buffalo Springs, Lubbock County.

**AUID: 1241C\_01 entire water body**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; NPS - Municipal (Urbanized High Density Area) Runoff; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Municipal (Urbanized High Density Area) Runoff; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1242      Brazos River Above Navasota River**  
 From a point immediately upstream of the confluence of the Navasota River in Brazos/Grimes/Washington County to the low water dam forming Lake Brazos in McLennan County

**AUID: 1242\_05      Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County**

**Nutrient Screening Levels**

**CS**            Chlorophyll-a            NPS - Internal Nutrient Recycling

**SEGID: 1242A      Marlin City Lake System (unclassified water body)**  
 From New Marlin City Dam up to normal pool elevation northeast of Marlin in Falls County (impounds Big Sandy Creek)

**AUID: 1242A\_01      Old Marlin City Lake**

**Nutrient Screening Levels**

**CS**            Chlorophyll-a            NPS - Internal Nutrient Recycling

**CS**            Orthophosphorus            UNK - Source Unknown

**AUID: 1242A\_02      New Marlin City Lake**

**Nutrient Screening Levels**

**CS**            Chlorophyll-a            NPS - Internal Nutrient Recycling

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 1242B	<b>Cottonwood Branch (unclassified water body)</b>	
	Intermittent stream with perennial pools from the confluence with Still Creek upstream 0.95 km to the confluence with an unnamed tributary	
<b>AUID:</b> 1242B_01	<b>Portion of Cottonwood Branch from confluence with Still Creek upstream to unnamed tributary (NHD RC 12070101000835) in Brazos County.</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown
<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown
<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown
<b>AUID:</b> 1242B_02	<b>Portion of Cottonwood Branch from confluence with unnamed tributary (NHD RC 12070101000835) upstream to headwaters in Brazos County.</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 1242C	<b>Still Creek (unclassified water body)</b> Perennial stream from the confluence with Thompson's Creek upstream to the confluence with Cottonwood Branch
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**AUID:** 1242C\_01 *Portion of Still Creek from confluence with Thompsons Creek in Brazos County upstream to confluence with unnamed tributary (NHD RC 12070101006127).*

**Bacteria Geomean**

<b>NS</b>	E. coli	PS - Municipal Point Source Discharges
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**Bacteria Single Sample**

<b>NS</b>	E. coli	PS - Municipal Point Source Discharges
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	PS - Municipal Point Source Discharges
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**AUID:** 1242C\_02 *Portion of Still Creek from confluence with unnamed tributary (NHD RC 12070101006127) upstream to headwaters in Brazos County.*

**Bacteria Geomean**

<b>NS</b>	E. coli	PS - Municipal Point Source Discharges
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**Bacteria Single Sample**

<b>NS</b>	E. coli	PS - Municipal Point Source Discharges
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1242D Thompsons Creek (unclassified water body)**  
 From the confluence with the Brazos River upstream to headwaters in Brazos County.

**AUID: 1242D\_01** *Portions of Thompsons Creek from confluence with Brazos River upstream to confluence with Still Creek in Brazos County.*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown

**CS** Total Phosphorus NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown

**AUID: 1242D\_02** *Portion of Thompsons Creek from confluence with Still Creek upstream to headwaters in Brazos County.*

**Bacteria Geomean**

**NS** E. coli NPS - Natural Sources; NPS - Non-Point Source

**Bacteria Single Sample**

**NS** E. coli NPS - Natural Sources; NPS - Non-Point Source

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Natural Sources

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Natural Sources

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Natural Sources

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources

**Nutrient Screening Levels**

**CS** Ammonia NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown

**CS** Chlorophyll-a NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown



2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1242F **Pond Creek (unclassified water body)**  
 Perennial stream from the confluence with the Brazos River in Milam County up to the confluence with Live Oak Creek in Falls County

**AUID:** 1242F\_01 *From the Brazos confluence upstream to Live Oak Creek confluence*

Bacteria Geomean

**NS** E. coli UNK - Source Unknown

**SEGID:** 1242H **Tradinghouse Reservoir (unclassified water body)**  
 Impounded Tradinghouse Creek, within the city of Hallsburg, McLennan County

**AUID:** 1242H\_01 *entire reservoir*

Fish Kill Reports

**CN** Fish Kill Reports PS - Industrial Point Source Discharge

**SEGID:** 1242I **Campbells Creek (unclassified water body)**  
 From the confluence with the Little Brazos River upstream to the headwaters, one mile west of Old San Antonio Road

**AUID:** 1242I\_01 *Entire water body*

Bacteria Geomean

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Bacteria Single Sample

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID:** 1242J **Deer Creek (unclassified water body)**  
 From the confluence with the Brazos River upstream to the confluence of West Fork Deer Creek and East Fork Deer Creek in Falls County

**AUID:** 1242J\_01 *Entire water body*

Bacteria Geomean

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID:** 1242K **Mud Creek (unclassified water body)**  
 From confluence with the Little Brazos River, upstream to the confluence with Touchstone Branch and Wolf Den Branch, in Robertson County

**AUID:** 1242K\_01 *Entire water body*

Bacteria Geomean

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Bacteria Single Sample

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1242L Pin Oak Creek (unclassified water body)**  
 From the confluence with the Little Brazos River in Robertson County upstream to the headwaters, 2.07 miles south of Franklin

**AUID: 1242L\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID: 1242M Spring Creek (unclassified water body)**  
 From the confluence with the Little Brazos River in Robertson County, upstream to the headwaters, 1.5 miles north of FM 391

**AUID: 1242M\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID: 1242N Tehuacana Creek (unclassified water body)**  
 From the confluence with the Brazos River in McLennan county upstream to the headwaters 2 miles south of Penelope in Hill County

**AUID: 1242N\_01 Downstream portion of water body, from confluence with Brazos River upstream to confl. with Little Tehuacana Creek**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab PS - Industrial Point Source Discharge

**Fish Kill Reports**

**CN** Fish Kill Reports PS - Industrial Point Source Discharge

**Nutrient Screening Levels**

**CS** Chlorophyll-a PS - Industrial Point Source Discharge

**SEGID: 1242O Walnut Creek (unclassified water body)**  
 From the confluence with the Little Brazos River in Robertson County, upstream to the headwaters, one mile south of White Rock

**AUID: 1242O\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1242P      Big Creek (unclassified water body)**  
 From the confluence with Little Brazos River in Falls County upstream to the confluence with unnamed creeks near Mart in the northeast corner of Falls County

**AUID: 1242P\_01      Downstream portion of water body**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID: 1243      Salado Creek**  
 From the confluence with the Lampasas River in Bell County to the confluence of North Salado Creek and South Salado Creek in Williamson County

**AUID: 1243\_01      Portion of Salado Creek from confluence with Lampasas River upstream to unnamed tributary (NHD RC 12070203003968) just downstream of Stagecoach outfall.**

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**AUID: 1243\_02      Portion of Salado Creek from confluence with unnamed tributary (NHD RC 12070203003968) upstream to confluence with North/South Forks Salado Creek in Williamson County.**

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**SEGID: 1244      Brushy Creek**  
 From the confluence with the San Gabriel River in Milam County to the confluence of South Brushy Creek in Williamson County

**AUID: 1244\_03      From confluence with Cottonwood Branch upstream to City of Round Rock WWTP outfall**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID: 1244\_04      From immediately upstream of City of Round Rock WWTP outfall upstream to end of segment**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1244D      **South Brushy Creek (unclassified water body)**

From its confluence with Brushy Creek, upstream to its headwaters 1.5 miles west of US 183 in Cedar Park, Williamson County.

**AUID:** 1244D\_01      *entire water body*

**Nutrient Screening Levels**

**CS**                      Nitrate                      PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 1245	<b>Upper Oyster Creek</b>
From Steep Bank Creek/Brazos River confluence in Fort Bend County to pumping station on Jones Creek confluence at Brazos River in Fort Bend County (includes portions of Steep Bank Creek, Flat Bank Creek, and Jones Creek)	

**AUID:** 1245\_01 *From the confluence with the Brazos River upstream to Dam #3*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Channelization; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen 24hr minimum**

<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Agriculture; NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling
<b>CS</b>	Nitrate	NPS - Municipal (Urbanized High Density Area) Runoff; PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Sanitary Sewer Overflows (Collection System Failures)

**AUID:** 1245\_02 *From Dam #3 upstream to Harmon St. crossing in Sugar Land*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen 24hr average**

<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Agriculture; NPS - Channelization; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Municipal Point Source Discharges
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**Dissolved Oxygen 24hr minimum**

<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Agriculture; NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Channelization; NPS - Impacts from Hydrostructure Flow Regulation/modification; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1245	<b>Upper Oyster Creek</b>	From Steep Bank Creek/Brazos River confluence in Fort Bend County to pumping station on Jones Creek confluence at Brazos River in Fort Bend County (includes portions of Steep Bank Creek, Flat Bank Creek, and Jones Creek)
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**AUID:** 1245\_03      *From Harmon St. crossing in Sugar Land upstream to the end of the segment*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Channelization; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
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**Dissolved Oxygen 24hr average**

<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Agriculture; NPS - Channelization; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Municipal Point Source Discharges
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**Dissolved Oxygen 24hr minimum**

<b>CN</b>	Dissolved Oxygen 24hr Min	NPS - Agriculture; NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling
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<b>SEGID:</b> 1245A	<b>Red Gully (unclassified water body)</b>	Perennial stream from the confluence with Oyster Creek up to 1.7 km upstream of Old Richmond Road
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**AUID:** 1245A\_01      *entire water body*

**Bacteria Geomean**

<b>CN</b>	E. coli	UNK - Source Unknown
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**Bacteria Single Sample**

<b>CN</b>	E. coli	UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	UNK - Source Unknown
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<b>CS</b>	Orthophosphorus	UNK - Source Unknown
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1245C      Bullhead Bayou (unclassified water body)**  
 From its confluence with Steep Bank Creek in Fort Colony, upstream to its headwaters in Pecan Grove in Fort Bend County

**AUID: 1245C\_01      Entire water body**  
Bacteria Geomean  
**NS**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

Bacteria Single Sample  
**NS**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

**SEGID: 1245D      Unnamed Tributary of Bullhead Bayou (unclassified water body)**  
 Tributary to Bullhead Bayou in Fort Bend County

**AUID: 1245D\_01      Entire water body**  
Bacteria Geomean  
**NS**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

Bacteria Single Sample  
**NS**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

**SEGID: 1245E      Flewellen Creek (unclassified water body)**  
 From the confluence with Oyster Creek upstream to the confluence with two unnamed tributaries, 0.3 km east of Fulshear in Fort Bend county.

**AUID: 1245E\_01      Entire water body**  
Bacteria Geomean  
**CN**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

**SEGID: 1245F      Alcorn Bayou (unclassified water body)**  
 From the confluence with Steep Bank Creek upstream to its headwaters 0.5km east of Pecan Grove in Fort Bend county

**AUID: 1245F\_01      Entire water body**  
Bacteria Geomean  
**NS**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

Bacteria Single Sample  
**NS**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

Nutrient Screening Levels  
**CS**                  Nitrate                  NPS - Municipal (Urbanized High Density Area) Runoff  
**CS**                  Orthophosphorus      NPS - Municipal (Urbanized High Density Area) Runoff

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1245I      Steep Bank Creek (unclassified water body)**  
 From confluence with Oyster Creek (Flat Bank Creek portion) upstream to end of water body, 0.2 km east of US 59 in city of First Colony, Fort Bend County.

**AUID: 1245I\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

**Nutrient Screening Levels**

**CS**                  Orthophosphorus      NPS - Municipal (Urbanized High Density Area) Runoff

**SEGID: 1245J      Stafford Run (unclassified water body)**  
 From the confluence with Upper Oyster Creek upstream to headwaters near Stafford, Fort Bend County.

**AUID: 1245J\_01      Entire water body**

**Bacteria Geomean**

**CN**                  E. coli                  NPS - Municipal (Urbanized High Density Area) Runoff

**SEGID: 1246      Middle Bosque/South Bosque River**  
 From the confluence with the South Bosque River in McLennan County to the confluence of Cave Creek and Middle Bosque Creek on the Middle Bosque River in Coryell County and from the confluence of the Middle Bosque River in McLennan County to FM 2671 on the South Bosque River in McLennan County.

**AUID: 1246\_01      Entire Middle Bosque River**

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Natural Sources

**AUID: 1246\_02      Entire South Bosque River**

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Natural Sources

**SEGID: 1246D      Tonk Creek (unclassified water body)**  
 From the confluence with Middle Bosque River in Crawford (McLennan County), upstream to the headwaters in Coryell County, 1.0 mile west of FM 929

**AUID: 1246D\_01      Entire water body**

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Natural Sources



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1246E      Wasp Creek (unclassified water body)**  
 From the confluence with Tonk Creek in Crawford in McLennan County, upstream to the headwaters in Coryell County, 0.15 mile east of FM 185

**AUID: 1246E\_01      Entire water body**

**Nutrient Screening Levels**

**CS**                      Nitrate                      NPS - Agriculture; NPS - Natural Sources; NPS - Non-Point Source

**SEGID: 1247      Granger Lake**  
 From Granger Dam in Williamson County to a point 1.9 km (1.2 miles) downstream of SH 95 in Williamson County, up to normal pool elevation of 504 feet (impounds San Gabriel River)

**AUID: 1247\_01      Eastern end of lake near the dam**

**Nutrient Screening Levels**

**CS**                      Nitrate                      NPS - Natural Sources

**AUID: 1247\_02      Willis Creek arm of lake**

**Nutrient Screening Levels**

**CS**                      Nitrate                      NPS - Natural Sources

**AUID: 1247\_03      Western end of lake on the San Gabriel River**

**Nutrient Screening Levels**

**CS**                      Nitrate                      NPS - Natural Sources

**SEGID: 1247A      Willis Creek (unclassified water body)**  
 From the confluence with the headwaters of Granger Lake in Williamson County to CR 313 in Williamson County

**AUID: 1247A\_01      Entire water body**

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source

**Bacteria Single Sample**

**NS**                      E. coli                      NPS - Non-Point Source

**Nutrient Screening Levels**

**CS**                      Nitrate                      NPS - Non-Point Source

**SEGID: 1248      San Gabriel/North Fork San Gabriel River**  
 From point 1.9 km (1.2 miles) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County

**AUID: 1248\_01      Entire segment**

**Dissolved Solids**

**NS**                      Chloride                      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1248B      Huddleston Branch (unclassified water body)**  
 From the confluence with Mankins Branch in Williamson County to a point 1 km upstream of CR 105 in Williamson County

<i>AUID: 1248B_01      Entire reach</i>		
<u>Bacteria Geomean</u>		
<b>CN</b>	E. coli	UNK - Source Unknown
<u>Bacteria Single Sample</u>		
<b>CN</b>	E. coli	UNK - Source Unknown
<u>Nutrient Screening Levels</u>		
<b>CS</b>	Nitrate	NPS - Natural Sources; UNK - Source Unknown

**SEGID: 1248C      Mankins Branch (unclassified water body)**  
 Perennial stream from the confluence with the San Gabriel River in Williamson County to the intersection of CR 105 and 104 in Williamson County

<i>AUID: 1248C_01      Entire water body</i>		
<u>Bacteria Geomean</u>		
<b>NS</b>	E. coli	NPS - Non-Point Source
<u>Bacteria Single Sample</u>		
<b>NS</b>	E. coli	NPS - Non-Point Source
<u>Habitat</u>		
<b>CS</b>	Habitat	UNK - Source Unknown
<u>Nutrient Screening Levels</u>		
<b>CS</b>	Nitrate	NPS - Non-Point Source
<b>CS</b>	Orthophosphorus	NPS - Non-Point Source
<b>CS</b>	Total Phosphorus	NPS - Non-Point Source

**SEGID: 1250      South Fork San Gabriel River**  
 From the confluence with the North Fork San Gabriel River in Williamson County to the most upstream crossing of SH 29 in Burnet County

<i>AUID: 1250_03      From the confluence with unnamed tributary ( NHD RC 12070205002505) upstream to headwaters of water body.</i>		
<u>Dissolved Oxygen grab screening level</u>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Post-development Erosion and Sedimentation; NPS - Streambank Modifications/destablization

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1252      Lake Limestone**  
 From Sterling C. Robertson Dam in Leon/Robertson County to a point 2.3 km (1.4 miles) downstream of SH 164 in Limestone County, up to normal pool elevation of 363 feet (impounds Navasota River)

**AUID: 1252\_01      South end of lake near dam**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**AUID: 1252\_02      Main body of lake**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling

**AUID: 1252\_03      Lambs Creek arm on east side of lake**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling

**AUID: 1252\_05      Navasota River Arm near headwaters**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Internal Nutrient Recycling

**SEGID: 1253      Navasota River Below Lake Mexia**  
 From a point 2.3 km (1.4 miles) downstream of SH 164 in Limestone County to Bistone Dam in Limestone County

**AUID: 1253\_01      From headwaters of Lake Limestone upstream to confluence with Plummer's Creek**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**AUID: 1253\_02      From confluence with Plummer's Creek upstream to Springfield Lake**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**SEGID: 1253A      Springfield Lake (unclassified water body)**  
 Impoundment of Navasota River below Lake Mexia in Limestone County.

**AUID: 1253A\_01      Entire water body**

**Dissolved Oxygen 24hr minimum**

**CN**      Dissolved Oxygen 24hr Min      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Internal Nutrient Recycling

**CS**      Total Phosphorus      NPS - Internal Nutrient Recycling

**CS**      Chlorophyll-a      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1254      Aquilla Reservoir**  
 From Aquilla Dam in Hill County up to the normal pool elevation of 537.5 feet (impounds Aquilla Creek)

**AUID: 1254\_01      South end of reservoir near dam**

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Agriculture

**AUID: 1254\_02      Aquilla Creek arm on the west**

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Agriculture

**AUID: 1254\_03      Hackberry Creek arm on the east**

**Nutrient Screening Levels**

**CS**                  Nitrate                  NPS - Agriculture

**Toxic Substances in sediment**

**CS**                  Arsenic                  UNK - Source Unknown

**CS**                  Nickel                  UNK - Source Unknown

**SEGID: 1254A      Hackberry Creek (unclassified water body)**  
 From its confluence with Aquilla Reservoir, upstream to its headwaters 1.3 miles west of Itasca in Hill County

**AUID: 1254A\_01      Portion of Hackberry Creek from the confluence with Aquilla Reservoir upstream to the confluence with Little Hackberry Creek in Hill County.**

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab                  PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**                  Orthophosphorus                  NPS - Crop Production (Crop Land or Dry Land); PS - Municipal Point Source Discharges

**CS**                  Ammonia                  PS - Municipal Point Source Discharges

**CS**                  Nitrate                  PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1255	<b>Upper North Bosque River</b>	
From a point immediately above the confluence of Indian Creek in Erath County to the confluence of the North Fork and South Fork of the Bosque River in Erath County		
<b>AUID:</b> 1255_01	<b>Portion of Upper North Bosque River from confluence with Indian Creek upstream to confluence with Dry Branch in Erath County.</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Bacteria Single Sample</u></b>		
<b>CN</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Fish Kill Reports</u></b>		
<b>CN</b>	Fish Kill Reports	NPS - Internal Nutrient Recycling
<b><u>Nutrient Enrichment</u></b>		
<b>NS</b>	Algae	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	NPS - Agriculture; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1255	<b>Upper North Bosque River</b>	
	From a point immediately above the confluence of Indian Creek in Erath County to the confluence of the North Fork and South Fork of the Bosque River in Erath County	
<b>AUID:</b> 1255_02	<b>Portion of Upper North Bosque River from confluence with Dry Branch upstream to confluence with North/South Forks North Bosque River in Erath County.</b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Dissolved Oxygen grab minimum</u></b>		
<b>NS</b>	Dissolved Oxygen Grab	NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Drought-related Impacts
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Drought-related Impacts
<b><u>Fish Kill Reports</u></b>		
<b>CN</b>	Fish Kill Reports	NPS - Internal Nutrient Recycling
<b><u>Nutrient Enrichment</u></b>		
<b>NS</b>	Algae	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1255A**      **Goose Branch (unclassified water body)**

From the confluence with the south fork of the North Bosque River 2.5 miles (4.0 km) west of Stephenville, upstream to the headwaters 0.5 miles (0.8 km) north of FM 8 in Erath County

**AUID: 1255A\_01**      *Entire water body*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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<b>CS</b>	Ammonia	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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<b>CS</b>	Total Phosphorus	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**SEGID: 1255B**      **North Fork Upper North Bosque River (unclassified water body)**

From the confluence with the South Fork of the Upper North Bosque River in Stephenville, upstream to the headwaters, 2.0 miles north of FM 219

**AUID: 1255B\_01**      *Entire water body*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1255C      **Scarborough Creek (unclassified water body)**  
 From the confluence with the North Fork of the upper North Bosque River, upstream to the headwaters 0.1 miles (0.2 km) southeast of FM 219 in Erath County

**AUID:** 1255C\_01      *Entire water body*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Nutrient Screening Levels**

**CS**                  Chlorophyll-a                  NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**CS**                  Orthophosphorus                  NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**CS**                  Total Phosphorus                  NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID:** 1255D      **South Fork North Bosque River (unclassified water body)**  
 From the confluence with the North Fork of the upper North Bosque River in Stephenville, upstream to the headwaters 3 miles (4.8 km) north of FM 219 in Erath County

**AUID:** 1255D\_01      *Entire water body*

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Nutrient Screening Levels**

**CS**                  Chlorophyll-a                  NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1255E      Unnamed Tributary of Goose Branch (unclassified water body)**  
 From the confluence with Goose Branch in Erath County to its headwaters, 0.2 miles southeast of the intersection of FM 8 and Farm Road 1219

**AUID: 1255E\_01      Entire water body**

**Bacteria Geomean**

**CN**                  E. coli                  NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Nutrient Screening Levels**

**CS**                  Total Phosphorus          NPS - Non-Point Source

**CS**                  Orthophosphorus          NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**CS**                  Nitrate                      NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**CS**                  Ammonia                    NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID: 1255F      Unnamed Tributary of Scarborough Creek (unclassified water body)**  
 From the confluence with Scarborough Creek, 1.0 mile west of SH 108 in Erath County, upstream to the headwaters, 0.3 mile north of FM 219

**AUID: 1255F\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID: 1255G      Woodhollow Branch (unclassified water body)**  
 From the confluence with the South Fork of the North Bosque River, 6 miles northwest of Stephenville, upstream to the headwaters, 1.5 miles north of FM 219 in Erath County

**AUID: 1255G\_01      Entire water body**

**Bacteria Geomean**

**NS**                  E. coli                  UNK - Source Unknown

**Bacteria Single Sample**

**NS**                  E. coli                  NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1255H      South Fork Upper North Bosque River Reservoir (unclassified water body)**  
 Impoundment of South Fork Upper North Bosque River, 8 miles north west of Stephenville in Erath County

**AUID: 1255H\_01      entire water body**

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Drought-related Impacts
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**SEGID: 1255I      Dry Branch (unclassified water body)**  
 From its confluence with the Upper North Bosque River, upstream to its headwaters 2.3 miles east of SH 106 in Erath County

**AUID: 1255I\_01      entire water body**

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**SEGID: 1255J      Goose Branch Reservoir (unclassified water body)**  
 Impoundment of Goose Branch, 5 miles west of Stephenville in Erath County.

**AUID: 1255J\_01      entire water body**

**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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<b>CS</b>	Chlorophyll-a	NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
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<b>CS</b>	Ammonia	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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<b>CS</b>	Total Phosphorus	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1255K      Scarborough Creek Reservoir (unclassified water body)**  
 Impoundment of Scarborough Creek, 5 miles north west of Stephenville in Erath County

**AUID: 1255K\_01      entire water body**

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b>CS</b>	Orthophosphorus	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<b>CS</b>	Total Phosphorus	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

**SEGID: 1256      Brazos River/Lake Brazos**  
 From the low water dam forming Lake Brazos in McLennan County to a point immediately upstream of the confluence of Aquilla Creek in McLennan County (includes the Bosque River Arm to the Waco Lake Dam)

**AUID: 1256\_02      Lake Brazos portion of segment**

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling
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**SEGID: 1256A      Aquilla Creek (unclassified water body)**  
 From the confluence with the Brazos River 4 miles (6.4 km) west of Elm Mott, upstream to the Aquilla Lake Dam in McLennan County

**AUID: 1256A\_01      Entire water body**

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Crop Production (Crop Land or Dry Land)
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**SEGID: 1257      Brazos River Below Lake Whitney**  
 From a point immediately upstream of the confluence of Aquilla Creek in McLennan County to Whitney Dam in Bosque/Hill County

**AUID: 1257\_01      Downstream portion of segment from confluence with Aquilla Creek upstream to confluence with Coon Creek**

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Internal Nutrient Recycling
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**SEGID: 1301      San Bernard River Tidal**  
 From the confluence with the Intracoastal Waterway in Brazoria County to a point 3.2 km (2.0 miles) upstream of SH 35 in Brazoria County

**AUID: 1301\_01      Entire Segment**

**Bacteria Geomean**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1302 San Bernard River Above Tidal**  
 From a point 3.2 km (2.0 miles) upstream of SH 35 in Brazoria County to the county road southeast of New Ulm in Austin County

**AUID: 1302\_01 From the confluence with the Intracoastal Waterway in Brazoria County to confluence with Peach Creek**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; UNK - Source Unknown

**AUID: 1302\_02 From the confluence with Peach Creek to the unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; UNK - Source Unknown

**AUID: 1302\_03 From the confluence with unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51 to the confluence with Coushatta Creek**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 1302A Gum Tree Branch (unclassified water body)**  
 From the confluence with West Bernard Creek near Wharton CR 252 to the headwaters approximately 15 miles upstream near RR 102

**AUID: 1302A\_01 Entire Water Body**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**CN** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1302B West Bernard Creek (unclassified water body)**  
 From the confluence with the San Bernard River Above Tidal downstream of US highway 59 to the headwaters approximately 40 miles upstream near FM 1093

**AUID: 1302B\_01 From the confluence with the San Bernard River Above Tidal to the confluence with Clarks Branch**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source

**AUID: 1302B\_02 From the confluence with Clarks Branch to the upper end of segment**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Non-Point Source

**Bacteria Single Sample**

**NS** Fecal coliform NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source

**Nutrient Screening Levels**

**CS** Ammonia UNK - Source Unknown

**SEGID: 1304 Caney Creek Tidal**  
 From the confluence with the Intracoastal Waterway in Matagorda County to a point 1.9 km (1.2 miles) upstream of the confluence of Linville Bayou in Matagorda County

**AUID: 1304\_01 From the downstream end of segment to the confluence with Dead Slough**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; UNK - Source Unknown

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; UNK - Source Unknown

**AUID: 1304\_02 From the confluence with Dead Slough to the upstream end of segment**

**Bacteria Geomean**

**CN** Enterococcus NPS - Non-Point Source; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1304A      **Linnville Bayou (unclassified water body)**  
 Intermittent stream with perennial pools from a point 1.1 km above the confluence with Caney Creek in Matagorda County up to a point 0.1 km above SH 35 in Brazoria/Matagorda Counties

**AUID:** 1304A\_01      *Entire Water Body*

**Bacteria Geomean**

**NS**                      E. coli                      UNK - Source Unknown

**SEGID:** 1305      **Caney Creek Above Tidal**  
 From a point 1.9 km (1.2 miles) upstream of the confluence of Linnville Bayou in Matagorda County to Old Caney Road in Wharton County

**AUID:** 1305\_02      *From the confluence with Hardeman Slough to the confluence with Snead Slough*

**Bacteria Geomean**

**NS**                      E. coli                      NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab      NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Orthophosphorus      NPS - Non-Point Source; UNK - Source Unknown

**AUID:** 1305\_03      *From the confluence with Snead Slough to the upper end of segment*

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN**                      Dissolved Oxygen 24hr Min      NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                      Dissolved Oxygen Grab      NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                      Orthophosphorus      NPS - Non-Point Source; UNK - Source Unknown

**CS**                      Total Phosphorus      NPS - Non-Point Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1401      **Colorado River Tidal**

From the confluence with the Gulf of Mexico in Matagorda County to a point 2.1 km (1.3 miles) downstream of the Missouri-Pacific Railroad in Matagorda County

**AUID:** 1401\_01      *Entire water body*

**Bacteria Geomean**

<b>NS</b>	Enterococcus	NPS - Agriculture; NPS - Wildlife Other than Waterfowl
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**Bacteria Single Sample**

<b>NS</b>	Enterococcus	NPS - Agriculture
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source
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<b>CS</b>	Nitrate	NPS - Agriculture
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1402 Colorado River Below La Grange**  
 From a point 2.1 km (1.3 miles) downstream of the Missouri-Pacific Railroad in Matagorda County to a point 100 meters (110 yards) downstream of SH 71 at La Grange in Fayette County

**AUID: 1402\_01** *From a point 2.1 km (1.3 miles) downstream of the Missouri-Pacific Railroad in Matagorda County upstream to the confluence of Blue Creek in Matagorda County*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture

**AUID: 1402\_02** *From the confluence of Blue Creek in Matagorda County upstream to the confluence of Pierce Canal west of Wharton in Wharton County*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture

**AUID: 1402\_04** *From the confluence of Robb Slough in Wharton County upstream to the confluence of Skull Creek in Colorado County*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture

**AUID: 1402\_05** *From the confluence of Skull Creek in Colorado County upstream to the confluence of Cummins Creek northeast of Columbus in Colorado County*

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Agriculture

**AUID: 1402\_06** *From the confluence of Cummins Creek northeast of Columbus in Colorado County upstream to confluence of Williams Creek in Fayette County*

**Nutrient Screening Levels**

**CS** Nitrate NPS - Agriculture

**CS** Orthophosphorus NPS - Agriculture

**AUID: 1402\_07** *From the confluence of Williams Creek in Fayette County upstream to a point 100 meters (110 yards) downstream of Business SH 71 at La Grange in Fayette County*

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Agriculture

**CS** Nitrate NPS - Agriculture

**SEGID: 1402A Cummins Creek (unclassified water body)**  
 Perennial stream from the confluence with the Colorado River upstream to the headwaters east of Giddings in Lee County

**AUID: 1402A\_01** *From the confluence with the Colorado River northeast of the city of Columbus upstream to the confluence of Boggy Creek at FM 1291 in Colorado County*

**Habitat**

**CS** Habitat NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Macrobenthic Community**

**CN** Macrobenthic Community NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1402C      Buckners Creek (unclassified water body)**  
 Perennial stream from the confluence with the Colorado River upstream to the headwaters at Patterson Road southeast of the City of Rosanky in Bastrop County

**AUID: 1402C\_01      Perennial stream from the confluence with the Colorado River upstream to the confluence with Chandler Branch 1.6 km upstream of FM 154 in Fayette County**

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

**SEGID: 1402G      Cedar Creek Reservoir / Fayette Reservoir (unclassified water body)**  
 From Cedar Creek Dam to pool elevation of 391 feet - power plant cooling reservoir

**AUID: 1402G\_01      Area near discharge canal**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      PS - Industrial Thermal Discharges; UNK - Source Unknown

**AUID: 1402G\_02      Area near discharge canal**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      PS - Industrial Thermal Discharges; UNK - Source Unknown

**AUID: 1402G\_03      Mid-lake near dam**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      PS - Industrial Thermal Discharges; UNK - Source Unknown

**SEGID: 1402H      Skull Creek (unclassified water body)**  
 From the confluence with the Colorado River west of Eagle Lake in Colorado County to the upstream perennial portion southwest of Columbus

**AUID: 1402H\_01      Entire water body**

**Bacteria Geomean**

**NS**      E. coli      NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Non-Point Source; NPS - Sand/gravel/rock Mining or Quarries

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Sand/gravel/rock Mining or Quarries; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1403      Lake Austin**  
 From Tom Miller Dam in Travis County to Mansfield Dam in Travis County, up to normal pool elevation of 492.8 feet (impounds Colorado River)

**AUID: 1403\_01      From Tom Miller dam to Loop 360 bridge**

**Toxic Substances in sediment**

**CS**              Manganese              NPS - Natural Sources

**AUID: 1403\_03      Quinlan Park upstream to Mansfield Dam**

**Dissolved Oxygen 24hr average**

**NS**              Dissolved Oxygen 24hr Avg              NPS - Dam or Impoundment

**Dissolved Oxygen 24hr minimum**

**NS**              Dissolved Oxygen 24hr Min              NPS - Dam or Impoundment

**SEGID: 1403A      Bull Creek (unclassified water body)**  
 From the confluence of Lake Austin in northwest Austin in Travis County to the upstream perennial portion of the stream north of Austin in Travis County

**AUID: 1403A\_05      From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment**

**Dissolved Oxygen 24hr average**

**NS**              Dissolved Oxygen 24hr Avg              NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 1403D      Barrow Preserve Tributary (unclassified water body)**  
 From the confluence of Stillhouse Hollow south of Loop 360 in Austin in Travis County upstream to the headsprings in Barrow Nature Preserve

**AUID: 1403D\_01      Entire water body**

**Nutrient Screening Levels**

**CS**              Nitrate              NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 1403E      Stillhouse Hollow (unclassified water body)**  
 From the confluence of Bull Creek south of Loop 360 in Austin in Travis County upstream to the headsprings in Stillhouse Hollow Nature Preserve

**AUID: 1403E\_01      Entire water body**

**Nutrient Screening Levels**

**CS**              Nitrate              NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1403J Spicewood Tributary to Shoal Creek (unclassified water body)**

From the confluence of an unnamed tributary west of the MoPac Expressway in north Austin in Travis County upstream to the head waters north of Williamsburg Circle in Travis County

**AUID: 1403J\_01 Entire water body**

**Bacteria Geomean**

**CN** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers

**SEGID: 1403K Taylor Slough South (unclassified water body)**

From the confluence of Lake Austin in Travis County to the headwaters near South Meadow Circle on the Texas Department of Aging and Disability Services campus in Austin in Travis County

**AUID: 1403K\_01 Entire water body**

**Bacteria Geomean**

**CN** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**SEGID: 1403R Westlake-Davenport Tributary to Lake Austin (unclassified water body)**

From the confluence of Lake Austin in Travis County upstream to the headwaters 150 ft. southeast of the intersection of Waymaker Way and Round Table road in Austin in Travis County

**AUID: 1403R\_01 Entire water body**

**Bacteria Geomean**

**NS** Fecal coliform NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Bacteria Single Sample**

**NS** Fecal coliform NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1404      Lake Travis**  
 From Mansfield Dam in Travis County to Max Starcke Dam on the Colorado River Arm in Burnet County and to a point immediately upstream of the confluence of Fall Creek on the Pedernales River Arm in Travis County, up to the normal pool elevation of 681 feet (impounds Colorado River)

**AUID: 1404\_04      Lakeway area, from Hurst Creek arm upstream to the confluence with Cow Creek**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**AUID: 1404\_05      From the confluence with Cow Creek upstream to the confluence of the Pedernales River Arm**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**AUID: 1404\_06      From the confluence with the Pedernales River Arm upstream to Muleshoe Bend**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**AUID: 1404\_10      Bee Creek Arm**

**Dissolved Oxygen grab minimum**

**CN**      Dissolved Oxygen Grab      NPS - Natural Sources

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**SEGID: 1406      Lake Lyndon B. Johnson**  
 From Alvin Wirtz Dam in Burnet County to Roy Inks Dam on the Colorado River Arm in Burnet/Llano County and to a point immediately upstream of the confluence of Honey Creek on the Llano River Arm in Llano County, up to the normal pool elevation of 825 feet (impounds Colorado River)

**AUID: 1406\_01      From Alvin Wirtz Dam upstream to the Pecan Creek Arm**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Dam or Impoundment; NPS - Natural Sources

**AUID: 1406\_06      From the Williams Creek confluence upstream to Roy Inks Dam**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Dam or Impoundment; NPS - Natural Sources

**SEGID: 1407      Inks Lake**  
 From Roy Inks Dam on the Colorado River Arm in Burnet/Llano County to Buchanan Dam in Burnet/Llano County, up to normal pool elevation of 888 feet (impounds the Colorado River)

**AUID: 1407\_01      From Roy Inks Dam upstream to the Clear Creek Arm**

**Toxic Substances in sediment**

**CS**      Manganese      NPS - Natural Sources

**AUID: 1407\_02      From Clear Creek Arm upstream to Buchanan Dam**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Dam or Impoundment

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1407A      Clear Creek (unclassified water body)**  
 From the confluence with Inks Lake in Burnet County west of Burnet upstream to a point 2 miles (3.2 km) west of FM 2341 near Potato Hill northwest of Burnet

**AUID: 1407A\_01      From the confluence with Inks Lake upstream to FM 2341**

**Acute Toxic Substances in water**

**NS**            Aluminum            NPS - Impacts from Abandoned Mine Lands (Inactive)

**Chronic Toxic Substances in water**

**CN**            Cadmium            NPS - Impacts from Abandoned Mine Lands (Inactive)

**Dissolved Solids**

**NS**            Sulfate            NPS - Impacts from Abandoned Mine Lands (Inactive)

**NS**            Total Dissolved Solids            NPS - Impacts from Abandoned Mine Lands (Inactive)

**Low pH**

**NS**            pH            NPS - Impacts from Abandoned Mine Lands (Inactive)

**SEGID: 1408      Lake Buchanan**  
 From Buchanan Dam in Burnet/Llano County to a point immediately upstream of the confluence of Yancey Creek, up to normal pool elevation of 1020 feet (impounds Colorado River)

**AUID: 1408\_05      From the Willow Slough area upstream to the headwaters near the Yancey Creek confluence**

**Nutrient Screening Levels**

**CS**            Chlorophyll-a            NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 1411      E. V. Spence Reservoir**  
 From Robert Lee Dam in Coke County to a point immediately upstream of the confluence of Little Silver Creek in Coke County, up to the normal pool elevation of 1898 feet (impounds Colorado River)

**AUID: 1411\_01      Main pool from the dam upstream to the Rough Creek arm**

**Dissolved Solids**

**NS**            Sulfate            NPS - Natural Sources

**NS**            Total Dissolved Solids            NPS - Natural Sources

**Fish Kill Reports**

**CN**            Fish Kill Reports            UNK - Source Unknown

**Nutrient Screening Levels**

**CS**            Chlorophyll-a            UNK - Source Unknown

**AUID: 1411\_02      From the Rough Creek arm upstream to the confluence of Little Silver Creek**

**Dissolved Solids**

**NS**            Sulfate            NPS - Natural Sources

**NS**            Total Dissolved Solids            NPS - Natural Sources

**Fish Kill Reports**

**CN**            Fish Kill Reports            UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1412 Colorado River Below Lake J. B. Thomas**  
 From a point immediately upstream of the confluence of Little Silver Creek in Coke County to Colorado River Dam in Scurry County

**AUID: 1412\_01** *From a point 275 m (300 yds) upstream of the confluence of Little Silver Creek in Coke County upstream to the confluence of Beals Creek*

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 1412\_02** *From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 1412\_03** *From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek*

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 1412\_04** *From the confluence of Deep Creek upstream to the Confluence of Willow Creek*

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**SEGID: 1412A Lake Colorado City (unclassified water body)**  
 From Lake Colorado City Dam up to normal pool elevation of 2070.0 feet southwest of Colorado City in Mitchell County (impounds Morgans Creek)

**AUID: 1412A\_01** *Entire water body*

**Fish Kill Reports**

**CN** Fish Kill Reports UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1412B      Beals Creek (unclassified water body)**  
 From the confluence of the Colorado River south of Colorado City in Mitchell County to the confluence of Mustang Draw and Sulphur Springs Draw in Howard County

**AUID: 1412B\_01      From the confluence with the Colorado River upstream to the confluence of Bull Creek**

**Nutrient Screening Levels**

**CS**            Chlorophyll-a            NPS - Grazing in Riparian or Shoreline Zones; PS - Drought-related Impacts

**AUID: 1412B\_03      From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw**

**Acute Toxic Substances in water**

**NS**            Selenium            NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Geomean**

**NS**            E. coli            UNK - Source Unknown

**Chronic Toxic Substances in water**

**CN**            Selenium            NPS - Natural Sources; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**            Chlorophyll-a            NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source

**CS**            Nitrate            NPS - Natural Sources; PS - Municipal Point Source Discharges

**CS**            Orthophosphorus            NPS - Natural Sources; PS - Municipal Point Source Discharges

**CS**            Ammonia            NPS - Natural Sources; PS - Municipal Point Source Discharges

**CS**            Total Phosphorus            NPS - Natural Sources; PS - Municipal Point Source Discharges

**SEGID: 1413      Lake J. B. Thomas**  
 From Colorado River Dam in Scurry County up to normal pool elevation of 2258 feet (impounds Colorado River)

**AUID: 1413\_01      Entire water body**

**Dissolved Solids**

**NS**            Chloride            NPS - Natural Sources

**NS**            Total Dissolved Solids            NPS - Petroleum/natural Gas Activities; NPS - Shallow Lake/Reservoir; PS - Drought-related Impacts

**SEGID: 1416      San Saba River**  
 From the confluence with the Colorado River in San Saba County to the confluence of the North Valley Prong and the Middle Valley Prong in Schleicher County

**AUID: 1416\_01      From the confluence with the Colorado River in San Saba County upstream to the US 190**

**Bacteria Geomean**

**NS**            E. coli            NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1416A      Brady Creek (unclassified water body)**  
 From the confluence of the San Saba River southwest of San Saba in San Saba County to Brady Lake Dam west of Brady in McCulloch County

**AUID: 1416A\_02      From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714**

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<b>CS</b>	Nitrate	PS - Municipal Point Source Discharges
<b>CS</b>	Orthophosphorus	PS - Municipal Point Source Discharges
<b>CS</b>	Total Phosphorus	PS - Municipal Point Source Discharges

**AUID: 1416A\_03      From FM 714 upstream to Brady Lake dam**

**Dissolved Oxygen 24hr average**

<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
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**Dissolved Oxygen 24hr minimum**

<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
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**SEGID: 1417      Lower Pecan Bayou**  
 From the confluence with the Colorado River in Mills County to a point immediately upstream of the confluence of Mackinnally Creek in Brown County

**AUID: 1417\_01      Entire water body**

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<b>CS</b>	Nitrate	NPS - Non-Point Source; PS - Point Source Unknown

**SEGID: 1418      Lake Brownwood**  
 From Lake Brownwood Dam in Brown County to a point 100 meters (110 yards) upstream of FM 2559 in Brown County, up to normal pool elevation of 1424.6 feet (impounds Pecan Bayou)

**AUID: 1418\_01      Mid-lake near dam**

**Toxic Substances in sediment**

<b>CS</b>	Manganese	NPS - Natural Sources
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**SEGID: 1420      Pecan Bayou Above Lake Brownwood**  
 From a point 100 meter (110 yards) upstream of FM 2559 in Brown County to the confluence of the North Prong Pecan Bayou and the South Prong of Pecan Bayou in Callahan County

**AUID: 1420\_01      Lower 25 miles**

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; PS - Point Source Unknown
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1421	<b>Concho River</b>	From a point 2 km (1.2 miles) above the confluence of Fuzzy Creek in Concho County to San Angelo Dam on the North Concho River in Tom Green County and to Nasworthy Dam on the South Concho River in Tom Green County
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**AUID:** 1421\_01 *Downstream end to Chandler Lake confluence*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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**AUID:** 1421\_02 *From Chandler Lake confluence upstream to confluence of Puddle Ck.*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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<b>CS</b>	Orthophosphorus	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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**AUID:** 1421\_03 *From the confluence of Puddle Creek upstream to the confluence of Willow Creek*

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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**AUID:** 1421\_04 *From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road*

**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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<b>CS</b>	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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**AUID:** 1421\_05 *From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.*

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown
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**AUID:** 1421\_06 *From the confluence of Red Creek upstream to the dam near Vines Rd.*

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown
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**AUID:** 1421\_07 *From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River*

**Macrobenthic Community**

<b>NS</b>	Macrobenthic Community	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1421 Concho River**  
 From a point 2 km (1.2 miles) above the confluence of Fuzzy Creek in Concho County to San Angelo Dam on the North Concho River in Tom Green County and to Nasworthy Dam on the South Concho River in Tom Green County

**AUID: 1421\_08 North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1421\_09 South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 1421A Dry Hollow Creek (unclassified water body)**  
 From the confluence with the Concho River west of Paint Rock in Concho County to the headwaters at US 87

**AUID: 1421A\_01 Entire water body**

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**SEGID: 1421C Lipan Creek (unclassified water body)**  
 From the confluence with the Concho River west of Paint Rock in Concho County to the headwaters near RR 1223 in Tom Green County

**AUID: 1421C\_01 Lower 25 miles of creek**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Grazing in Riparian or Shoreline Zones; NPS - Natural Sources; PS - Drought-related Impacts

**CS** Nitrate NPS - Grazing in Riparian or Shoreline Zones; NPS - Natural Sources; PS - Drought-related Impacts

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1422      **Lake Nasworthy**  
 From Nasworthy Dam in Tom Green County to Twin Buttes Dam in Tom Green County, up to the normal pool elevation of 1872.2 feet (impounds South Concho River)

**AUID:** 1422\_02      *Upper half of lake*

Nutrient Screening Levels

**CS**      Orthophosphorus      UNK - Source Unknown

**SEGID:** 1423      **Twin Buttes Reservoir**  
 From Twin Buttes Dam in Tom Green County to a point 100 meters (110 yards) upstream of US 67 on the Middle Concho River Arm in Tom Green County and to a point 4.0 km (2.5 miles) downstream of FM 2335 on the South Concho River Arm in Tom Green County, up to the normal pool elevation of 1940.2 feet (impounds the Middle Concho River and the South Concho River)

**AUID:** 1423\_01      *North pool*

Nutrient Screening Levels

**CS**      Orthophosphorus      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**AUID:** 1423\_02      *South pool*

Nutrient Screening Levels

**CS**      Orthophosphorus      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**SEGID:** 1423A      **Spring Creek (unclassified water body)**  
 From the confluence of Twin Buttes Reservoir south of Tankersley in Tom Green County to the upstream perennial portion of the stream northeast of Ozona in Crockett County

**AUID:** 1423A\_02      *From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett County*

Nutrient Screening Levels

**CS**      Nitrate      NPS - Natural Sources

**SEGID:** 1424A      **West Rocky Creek (unclassified water body)**  
 From the confluence of Middle Concho River to the upstream perennial portion of the stream north of Mertzon in Irion County

**AUID:** 1424A\_01      *Entire water body*

Dissolved Oxygen grab screening level

**CS**      Dissolved Oxygen Grab      NPS - Natural Sources

**SEGID:** 1424B      **Cold Creek (unclassified water body)**  
 From the confluence of the South Concho River 110 meters (360 ft.) southwest of Musik Lane south of Christoval in Tom Green County (upstream to the confluence of the South Concho River in Tom Green County (NHD Reach Code 12090102000009).

**AUID:** 1424B\_01      *Entire water body*

Nutrient Screening Levels

**CS**      Nitrate      NPS - Natural Sources

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1425      O. C. Fisher Lake**  
 From San Angelo Dam in Tom Green County up to normal pool elevation of 1908 feet (impounds North Concho River)

**AUID: 1425\_01      Entire water body**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Shallow Lake/Reservoir; PS - Drought-related Impacts

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Chlorophyll-a      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Orthophosphorus      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 1425A      North Concho River (unclassified water body)**  
 From the headwaters of OC Fisher Lake near San Angelo in Tom Green County upstream to the Glasscock/Howard County line

**AUID: 1425A\_01      Lower end of water body to Sterling County line**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      PS - Drought-related Impacts

**AUID: 1425A\_02      Sterling County line to SH 163**

**Bacteria Geomean**

**CN**      Fecal coliform      NPS - Non-Point Source; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1426 Colorado River Below E. V. Spence Reservoir**  
 From a point 3.7 km (2.3 miles) below the confluence of Mustang Creek in Runnels County to Robert Lee Dam in Coke County

**AUID: 1426\_01 Lower end of segment to Country Club Lake**

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources

**NS** Total Dissolved Solids NPS - Natural Sources

**Fish Kill Reports**

**CN** Fish Kill Reports UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1426\_02 Country Club Lake to Coke County line**

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources

**NS** Total Dissolved Solids NPS - Natural Sources

**Fish Kill Reports**

**CN** Fish Kill Reports UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1426\_03 Coke County line to SH 208**

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources

**NS** Total Dissolved Solids NPS - Natural Sources

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1426\_04 SH 208 to dam**

**Dissolved Solids**

**NS** Chloride NPS - Natural Sources

**NS** Total Dissolved Solids NPS - Natural Sources

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1426B Elm Creek (unclassified water body)**  
 From the confluence with the Colorado River near Ballinger in Runnels County to the Lake Winters dam east of Winters in Runnels County

**AUID: 1426B\_01 From the confluence with the Colorado River upstream dam upstream of US 67 near Crosson Avenue in the city of Ballinger**

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source

**AUID: 1426B\_02 From the dam upstream of US 67 near Crosson Avenue in the city of Ballinger upstream to Lake Winters dam**

**Nutrient Screening Levels**

**CS** Nitrate NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source

**SEGID: 1426C Bluff Creek (unclassified water body)**  
 From the confluence with Elm Creek in Runnels County upstream to a point 1 mile east of US Hwy 277 in Taylor County.

**AUID: 1426C\_01 From the confluence with Elm Creek upstream to the confluence of Mill Creek**

**Nutrient Screening Levels**

**CS** Nitrate PS - Municipal Point Source Discharges; UNK - Source Unknown

**SEGID: 1426D Coyote Creek (unclassified water body)**  
 From the confluence with Elm Creek in Runnels County upstream to the confluence of Big Coyote Creek and Little Coyote Creek southwest of Winters in Runnels County.

**AUID: 1426D\_01 Entire water body**

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 1427A Slaughter Creek (unclassified water body)**  
 Intermittent stream with perennial pools from the confluence with Onion Creek to above US 290 west of Austin

**AUID: 1427A\_01 Entire water body**

**Dissolved Oxygen 24hr average**

**CN** Dissolved Oxygen 24hr Avg NPS - Natural Sources

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min NPS - Natural Sources

**Macrobenthic Community**

**NS** Macrobenthic Community NPS - Natural Sources; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1427G Granada Hills Tributary to Slaughter Creek (unclassified water body)**  
 Unnamed tributary from the confluence of Slaughter Creek in Travis County upstream to La Fauna Path in Travis County

**AUID: 1427G\_01 Entire water body**

**Nutrient Screening Levels**

**CS** Nitrate PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 1428 Colorado River Below Town Lake**  
 From a point 100 meters (110 yards) upstream of FM 969 near Utley in Bastrop County to Longhorn Dam in Travis County

**AUID: 1428\_01 Lower end of segment to Gilleland Creek confluence**

**Fish Community**

**CN** Fish Community UNK - Source Unknown

**Macrobenthic Community**

**CN** Macrobenthic Community UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**CS** Total Phosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**AUID: 1428\_02 From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.**

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1428\_03 Walnut Creek to Longhorn Dam**

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1428B      **Walnut Creek (unclassified water body)**  
 From the confluence of the Colorado River in east Austin in Travis County to the upstream perennial portion of the stream in north Austin in Travis County

**AUID:** 1428B\_02      *From FM 969 upstream to Old Manor Rd.*

**Bacteria Geomean**

**CN**      Fecal coliform      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown

**AUID:** 1428B\_04      *From Dessau Rd. upstream to MoPac/Loop 1*

**Macrobenthic Community**

**CN**      Macrobenthic Community      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**AUID:** 1428B\_05      *From MoPac/Loop 1 upstream to railroad tracks west of Loop 1*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**SEGID:** 1428C      **Gilleland Creek (unclassified water body)**  
 Perennial stream and intermittent stream with perennial pools from the confluence with the Colorado River up to the spring source (Ward Spring) northwest of Pflugerville, in Travis County

**AUID:** 1428C\_01      *From the Colorado River upstream to Taylor Lane*

**Bacteria Geomean**

**NS**      E. coli      NPS - Agriculture; NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Nitrate      PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      PS - Municipal Point Source Discharges

**AUID:** 1428C\_02      *From Taylor Lane upstream to Old Highway 20*

**Nutrient Screening Levels**

**CS**      Nitrate      PS - Municipal Point Source Discharges

**AUID:** 1428C\_03      *From Old Highway 20 to Cameron Road*

**Bacteria Geomean**

**CN**      E. coli      NPS - Agriculture; NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID:** 1428C\_04      *From Cameron Road to the spring source*

**Bacteria Geomean**

**CN**      E. coli      NPS - Agriculture; NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1429

**Town Lake**

From Longhorn Dam in Travis County to Tom Miller Dam in Travis County, up to the normal pool elevation of 429 feet (impounds Colorado River)

**AUID:** 1429\_01 *Longhorn Dam upstream to Lamar Street bridge*

Nutrient Screening Levels

**CS** Nitrate NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Unspecified Urban Stormwater

**SEGID:** 1429B

**Eanes Creek (unclassified water body)**

From the confluence of Town Lake in central Austin in Travis County to the upstream perennial portion of the stream in west Austin in Travis County

**AUID:** 1429B\_01 *Entire water body*

Bacteria Geomean

**NS** Fecal coliform NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1429C      **Waller Creek (unclassified water body)**

From the confluence of Town Lake in central Austin in Travis County to the upstream portion of the stream in north Austin in Travis County

**AUID:** 1429C\_01      *From the confluence with Town Lake to East MLK Blvd.*

**Bacteria Geomean**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Urban Runoff/Storm Sewers

**Macrobenthic Community**

**NS**      Macrobenthic Community      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**AUID:** 1429C\_02      *From East MLK Blvd. to East 41st Street*

**Bacteria Geomean**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Toxic Substances in sediment**

**CS**      Benz(a)anthracene      NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Dibenz(a,h)anthracene      NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Fluoranthene      NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Lead      NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Phenanthrene      NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Pyrene      NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Benzo(a)pyrene      NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**      Chrysene      NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**AUID:** 1429C\_03      *Upper portion of creek*

**Bacteria Geomean**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Municipal (Urbanized High Density Area) Runoff; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1429D      East Bouldin Creek (unclassified water body)**  
 From the confluence of Town Lake in Austin in Travis County upstream to SH 71 in south Austin in Travis County

**AUID: 1429D\_01      Entire water body**

**Toxic Substances in sediment**

<b>CS</b>	Pyrene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Cadmium	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Chrysene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Dibenz(a,h)anthracene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Fluoranthene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Lead	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Phenanthrene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<b>CS</b>	Benz(a)anthracene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers

**SEGID: 1430      Barton Creek**  
 From the confluence with Town Lake in Travis County to FM 12 in Hays County

**AUID: 1430\_02      From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1**

**LOE Toxic Sediment condition**

<b>CN</b>	Sediment Toxicity (LOE)	NPS - Impervious Surface/Parking Lot Runoff; NPS - Municipal (Urbanized High Density Area) Runoff
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**AUID: 1430\_04      SH 71 upstream to Hays County Line**

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Natural Sources
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**SEGID: 1430A      Barton Springs (unclassified water body)**  
 Barton Springs 0.4 mile upstream of Barton Springs Road in Austin in Travis County

**AUID: 1430A\_01      Barton Springs Pool - entire water body**

**LOE Toxic Sediment condition**

<b>CN</b>	Sediment Toxicity (LOE)	NPS - Impervious Surface/Parking Lot Runoff; NPS - Municipal (Urbanized High Density Area) Runoff
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**SEGID: 1430B      Tributaries to Barton Creek (unclassified water bodies)**  
 Tributaries to Barton Creek in Travis County and Hays County

**AUID: 1430B\_01      Tributaries entering Barton Cr from a point 2 mi upstream of Loop 1 upstream to Barton Creek Blvd.**

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Golf Courses
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1431 Mid Pecan Bayou**  
 From a point immediately upstream of the confluence of Mackinally Creek in Brown County to a point immediately upstream of Willis Creek in Brown County

**AUID: 1431\_01 Entire water body**  
Bacteria Geomean  
**NS** E. coli NPS - Non-Point Source; PS - Point Source Unknown

Nutrient Screening Levels  
**CS** Nitrate NPS - Agriculture; PS - Municipal Point Source Discharges  
**CS** Orthophosphorus NPS - Agriculture; PS - Municipal Point Source Discharges  
**CS** Total Phosphorus NPS - Agriculture; PS - Municipal Point Source Discharges

**SEGID: 1434 Colorado River above La Grange**  
 From a point 100 meters (110 yards) downstream of SH 71 at La Grange in Fayette County to a point 100 meters (110 yards) upstream of FM 969 near Utley in Bastrop County

**AUID: 1434\_02 Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville**  
Nutrient Screening Levels  
**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown  
**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**AUID: 1434\_03 From the confluence of Reeds Creek west of Smithville upstream to the end of segment**  
Nutrient Screening Levels  
**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown  
**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**SEGID: 1434B Cedar Creek (unclassified water body)**  
 Perennial stream from the confluence with the Colorado River upstream to the confluence of an unnamed tributary at FM 525 in Bastrop County

**AUID: 1434B\_01 Entire water body**  
Dissolved Oxygen 24hr minimum  
**CN** Dissolved Oxygen 24hr Min UNK - Source Unknown

Dissolved Oxygen grab screening level  
**CS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Point Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 1501	<b>Tres Palacios Creek Tidal</b>
From the confluence with Tres Palacios Bay in Matagorda County to a point 1.0 km (0.6 miles) upstream of the confluence of Wilson creek in Matagorda County	

**AUID:** 1501\_01 *From the confluence with Willow Dam Creek at Tres Palacios Bay/Turtle Bay upstream to to a point 1.0 km (0.6 miles) upstream of the confluence of Wilson creek in Matagorda County*

**Bacteria Geomean**

**NS** Enterococcus NPS - Agriculture; NPS - Irrigated Crop Production

**Bacteria Single Sample**

**NS** Enterococcus NPS - Agriculture; NPS - Irrigated Crop Production

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Agriculture; NPS - Irrigated Crop Production

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Agriculture; NPS - Irrigated Crop Production

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture; NPS - Irrigated Crop Production

<b>SEGID:</b> 1502	<b>Tres Palacios Creek Above Tidal</b>
From a point 1.0 km (0.6 miles) upstream of the confluence of Wilson Creek in Matagorda County to State Route 525 (Old US 59) in Wharton County	

**AUID:** 1502\_01 *Middle portion of segment from the confluence with Wallace Creek upstream to confluence with unnamed tributary with NHD RC 12100401013089 about 1.0 km SW of intersection of FM 418 and FM 422 NE of City of Danevang in Wharton County*

**Habitat**

**CS** Habitat UNK - Source Unknown

**Macrobenthic Community**

**CN** Macrobenthic Community UNK - Source Unknown

**AUID:** 1502\_03 *Lower portion of segment from a point 1.0 km (0.6 miles) upstream of the confluence of Wilson Creek upstream to confluence with Wallace Creek Matagorda County*

**Dissolved Oxygen 24hr average**

**CN** Dissolved Oxygen 24hr Avg UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

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**SEGID: 1602 Lavaca River Above Tidal**  
From a point 8.6 km (5.3 miles) downstream of US 59 in Jackson County to a point 5.5 km (3.4 miles) upstream of SH 95 in Lavaca County

**AUID: 1602\_01 From confluence of Campbell Branch in Hallettsville upstream to end of segment**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg PS - Drought-related Impacts

**AUID: 1602\_02 From the confluence of Beard Branch upstream to confluence of Campbell Branch in Hallettsville.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**AUID: 1602\_03 Lower portion of segment from confluence with NHD RC 12100101002463 south of Edna in Jackson County upstream to confluence with Beard Branch**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1604**

**Lake Texana**

From Palmetto Bend Dam in Jackson County to a point 100 meters (110 yards) downstream of FM 530 in Jackson County, up to normal pool elevation of 44 feet (impounds Navidad River)

**AUID: 1604\_01**      *Navidad River arm of Lake Texana*

**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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**AUID: 1604\_02**      *East Mustang Creek arm of Lake Texana*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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**AUID: 1604\_03**      *Upstream middle portion of Lake Texana*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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**AUID: 1604\_04**      *Downstream middle portion of Lake Texana*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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**AUID: 1604\_05**      *Downstream portion of Lake Texana*

**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1701**      **Victoria Barge Canal**  
 From the confluence with San Antonio Bay in Calhoun County to Victoria Turning Basin in Victoria County

**AUID: 1701\_01**      *Entire segment*

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source

**CS**      Nitrate      NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Point Source Unknown

**SEGID: 1801**      **Guadalupe River Tidal**  
 From the confluence with Guadalupe Bay in Calhoun/Refugio County to the Guadalupe-Blanco River Authority Salt Water Barrier 0.7 km (0.4 miles) downstream of the confluence of the San Antonio River in Calhoun/Refugio County

**AUID: 1801\_01**      *Entire segment*

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**SEGID: 1802**      **Guadalupe River Below San Antonio River**  
 From the Guadalupe-Blanco River Authority Salt Water Barrier 0.7 kilometer (0.4 mile) downstream of the confluence of the San Antonio River in Calhoun/Refugio County to a point immediately upstream of the confluence of the San Antonio River in Calhoun/Refugio County to a point immediately upstream of the confluence of the San Antonio River in Calhoun/Refugio/Victoria County

**AUID: 1802\_01**      *Entire segment*

**Nutrient Screening Levels**

**CS**      Nitrate      PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 1803A**      **Elm Creek (unclassified water body)**  
 From the confluence of Sandies Creek east of Smiley in Gonzales County to the upstream perennial portion of the stream southwest of Smiley in Gonzales County

**AUID: 1803A\_01**      *Entire water body*

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Non-Point Source; PS - Point Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Non-Point Source; PS - Point Source Unknown

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1803B Sandies Creek (unclassified water body)**  
 From the confluence of the Guadalupe River west of Cuero in DeWitt County to the upstream perennial portion of the stream northwest of Smiley in Gonzales County

**AUID: 1803B\_01 From the confluence with the Guadalupe River to the confluence with Elm Ck.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Fish Community**

**NS** Fish Community UNK - Source Unknown

**Habitat**

**CS** Habitat UNK - Source Unknown

**Macrobenthic Community**

**NS** Macrobenthic Community UNK - Source Unknown

**AUID: 1803B\_02 From the confluence with Elm Creek to upper end of water body**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1803C Peach Creek (unclassified water body)**  
 From the confluence of the Guadalupe River southeast of Gonzales in Gonzales County to the upstream perennial portion of the stream northeast of Waelder in Gonzales County

**AUID: 1803C\_01 Lower 25 miles of water body**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**AUID: 1803C\_03 From approx. 1.2 mi. downstream of FM 1680 in Gonzales Co. to confluence with Elm Cr. In Fayette Co.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**SEGID: 1803F Denton Creek (unclassified water body)**  
 From the confluence with Peach Creek (1803C) up to the upper end of the creek (NHD RC 12100202000370) E/NE of Gonzales, Gonzales County.

**AUID: 1803F\_01 Entire segment.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1803G Sandy Fork (unclassified water body)**  
 From the confluence with Peach Creek (1803C) up to the upper end of the creek (NHD RC 12100202021868)

**AUID: 1803G\_01 From the confluence with Sandy Creek up to the confluence with Scruggs Creek.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 1804A Geronimo Creek (unclassified water body)**  
 From the confluence of the Guadalupe River south of Seguin in Guadalupe County to the upstream perennial portion north of Seguin in Guadalupe County

**AUID: 1804A\_01 Entire water body**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**SEGID: 1805 Canyon Lake**  
 From Canyon Dam in Comal County to a point 2.7 km (1.7 miles) downstream of Rebecca Creek Road in Comal County, up to normal pool elevation of 909 feet (impounds Guadalupe River)

**AUID: 1805\_01 Cove around Jacob's Creek Park**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 1805\_03 Upper end of segment**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

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

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1806      Guadalupe River Above Canyon Lake**  
 From a point 2.7 km (1.7 miles) downstream of Rebecca Creek Road in Comal County to the confluence of North Fork Guadalupe River and the South Fork Guadalupe River in Kerr County

**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.**

**Bacteria Geomean**

**NS**      E. coli      PS - Point Source Unknown; UNK - Source Unknown

**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.**

**Bacteria Geomean**

**NS**      E. coli      PS - Point Source Unknown; UNK - Source Unknown

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

**Bacteria Geomean**

**NS**      E. coli      PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 1806A      Camp Meeting Creek (unclassified water body)**  
 From the confluence of Flatrock Lake in southeast Kerrville in Kerr County to the upstream perennial portion of the stream west of Kerrville in Kerr County

**AUID: 1806A\_03      Upper 9 miles**

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**SEGID: 1806D      Quinlan Creek (unclassified water body)**  
 From the confluence of the Guadalupe River in Kerrville in Kerr County to the upstream perennial portion of the stream north of Kerrville in Kerr County

**AUID: 1806D\_01      Entire water body**

**Bacteria Geomean**

**NS**      E. coli      UNK - Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1806E      Town Creek (unclassified water body)**  
 From the confluence of the Guadalupe River in Kerrville in Kerr County to the upstream perennial portion of the stream north of Kerrville in Kerr County

**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)**

**Bacteria Geomean**  
**NS**                  E. coli                  UNK - Source Unknown

**Bacteria Single Sample**  
**NS**                  E. coli                  UNK - Source Unknown

**SEGID: 1810      Plum Creek**  
 From the confluence with the San Marcos River in Caldwell County to FM 2770 in Hays County

**AUID: 1810\_01      Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek**

**Bacteria Geomean**  
**NS**                  E. coli                  PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**  
**CS**                  Nitrate                  NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

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

**Bacteria Geomean**  
**NS**                  E. coli                  PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**  
**CS**                  Nitrate                  NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**                  Orthophosphorus      NPS - Non-Point Source; PS - Point Source Unknown

**CS**                  Total Phosphorus      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

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

**Bacteria Geomean**  
**NS**                  E. coli                  PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab screening level**  
**CS**                  Dissolved Oxygen Grab      UNK - Source Unknown

**Nutrient Screening Levels**  
**CS**                  Nitrate                  NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

**CS**                  Total Phosphorus      NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 1811A      Dry Comal Creek (unclassified water body)**  
 From the confluence of the Comal River in New Braunfels in Comal County to the upstream perennial portion of the stream southwest of New Braunfels in Comal County

**AUID: 1811A\_01      Lower 25 miles of water body**

Bacteria Geomean

**NS**      E. coli      UNK - Source Unknown

**SEGID: 1813      Upper Blanco River**  
 From a point 0.3 km (0.2 miles) upstream of Limekiln Road in Hays County to the confluence of Meier Creek in Kendall County

**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.**

Dissolved Oxygen grab screening level

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**SEGID: 1814      Upper San Marcos River**  
 From a point 1.0 km (0.6 miles) upstream of the confluence of the Blanco River in Hays County to a point 0.7 km (0.4 miles) upstream of Loop 82 in San Marcos in Hays County

**AUID: 1814\_01      Lower 1.5 miles of segment**

Dissolved Solids

**NS**      Total Dissolved Solids      UNK - Source Unknown

**AUID: 1814\_02      From sub-segment 01 to IH 35 east frontage road**

Dissolved Solids

**NS**      Total Dissolved Solids      UNK - Source Unknown

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

Dissolved Solids

**NS**      Total Dissolved Solids      UNK - Source Unknown

**AUID: 1814\_04      Remainder of segment**

Dissolved Solids

**NS**      Total Dissolved Solids      UNK - Source Unknown

**SEGID: 1817      North Fork Guadalupe River**  
 From the confluence with the Guadalupe River in Kerr County to a point 18.2 km (11.3 miles) upstream of Boneyard Draw in Kerr County

**AUID: 1817\_01      Entire segment**

Dissolved Oxygen grab screening level

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1901 Lower San Antonio River**  
 From the confluence with the Guadalupe River in Refugio/Victoria County to a point 600 meters (660 yards) downstream of FM 791 at Mays crossing near Falls City in Karnes County

**AUID: 1901\_01 25 miles downstream of the confluence with Manahuilla Creek**

**Bacteria Geomean**

**NS** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1901\_02 25 miles upstream of Manahuilla Creek**

**Bacteria Geomean**

**NS** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Single Sample**

**CN** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1901\_03 From 25 miles upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr**

**Bacteria Geomean**

**NS** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Single Sample**

**CN** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1901 Lower San Antonio River**  
 From the confluence with the Guadalupe River in Refugio/Victoria County to a point 600 meters (660 yards) downstream of FM 791 at Mays crossing near Falls City in Karnes County

**AUID: 1901\_04 9 miles downstream of Escondido Creek**

**Bacteria Geomean**

**NS** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Bacteria Single Sample**

**CN** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Orthophosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Nitrate UNK - Source Unknown

**AUID: 1901\_05 From upstream end of segment to Escondido Creek**

**Bacteria Geomean**

**NS** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Fish Community**

**CN** Fish Community UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1901\_06 Lower 31 miles of segment**

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**SEGID: 1901A Escondido Creek (unclassified water body)**  
 From the confluence with segment 1901 up to the upper end of the water body (NHD RC 12100303002847).

**AUID: 1901A\_01 From the confluence with segment 1901 up to the confluence with Nichols Creek in Kennedy.**

**Bacteria Geomean**

**CN** E. coli UNK - Source Unknown



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1901B Cabeza Creek (unclassified water body)

From the confluence with segment 1901, west of Goliad, Goliad County, up to the upper end of the water body  
(NHD RC 12100303000882)

**AUID:** 1901B\_01 *Entire segment.*

**Bacteria Geomean**

CN

E. coli

UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1902	<b>Lower Cibolo Creek</b>	
	From the confluence with the San Antonio River in Karnes County to a point 100 meters (110 yards) downstream of IH 10 in Bexar/Guadalupe County	
<b>AUID:</b> 1902_01	<b>Lower 5 miles of segment</b>	
<b><u>Bacteria Geomean</u></b>		
NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown
<b><u>Bacteria Single Sample</u></b>		
CN	E. coli	UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
CS	Nitrate	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 1902_02	<b>From 5 miles upstream of confluence with the San Antonio River to FM 541</b>	
<b><u>Bacteria Geomean</u></b>		
NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown
<b><u>Fish Community</u></b>		
NS	Fish Community	NPS - Non-Point Source; PS - Point Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
CS	Nitrate	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 1902_03	<b>From FM 541 to confluence with Clifton Branch</b>	
<b><u>Bacteria Geomean</u></b>		
NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown
<b><u>Fish Community</u></b>		
CN	Fish Community	NPS - Non-Point Source; PS - Point Source Unknown
<b>AUID:</b> 1902_04	<b>From confluence with Clifton Branch to the confluence with Elm Creek</b>	
<b><u>Nutrient Screening Levels</u></b>		
CS	Nitrate	PS - Point Source Unknown; UNK - Source Unknown
CS	Orthophosphorus	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 1902_05	<b>Upper end of segment</b>	
<b><u>Nutrient Screening Levels</u></b>		
CS	Total Phosphorus	PS - Point Source Unknown; UNK - Source Unknown
CS	Nitrate	PS - Point Source Unknown; UNK - Source Unknown
CS	Orthophosphorus	PS - Point Source Unknown; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1902A      Martinez Creek (unclassified water body)**  
 Perennial stream from the confluence with Escondido Creek upstream to Binz-Engleman Road

**AUID: 1902A\_01      From confluence with Cibolo Creek to confluence with Salatrillo Creek**

**Bacteria Geomean**

**CN**                  E. coli                  UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Total Phosphorus      UNK - Source Unknown

**AUID: 1902A\_03      From confluence with Escondido Creek to about 1.9 miles downstream of IH 10**

**Bacteria Geomean**

**CN**                  E. coli                  UNK - Source Unknown

**Bacteria Single Sample**

**CN**                  E. coli                  UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Nitrate                  UNK - Source Unknown

**AUID: 1902A\_04      From about 1.9 miles downstream of IH 10 to Binz- Engleman Rd.**

**Dissolved Oxygen grab minimum**

**CN**                  Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**                  Dissolved Oxygen Grab      UNK - Source Unknown

**SEGID: 1902B      Salatrillo Creek (unclassified water body)**  
 From the confluence with Martinez Creek to approximately 1.3 miles upstream of FM 1976.

**AUID: 1902B\_01      From the confluence with Martinez Creek to FM 78 in Converse**

**Bacteria Geomean**

**NS**                  E. coli                  UNK - Source Unknown

**Nutrient Screening Levels**

**CS**                  Nitrate                  UNK - Source Unknown

**CS**                  Total Phosphorus      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 1903	<b>Medina River Below Medina Diversion Lake</b>
From the confluence with the San Antonio River in Bexar County to Medina Diversion Dam in Medina County	

**AUID:** 1903\_01      *Lower 5 miles of segment*

**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	PS - Point Source Unknown; UNK - Source Unknown
<b>CS</b>	Orthophosphorus	UNK - Source Unknown
<b>CS</b>	Nitrate	UNK - Source Unknown

**AUID:** 1903\_02      *From 5 mi upstream of San Antonio River to 1.5 mi upstream of Leon Creek*

**Bacteria Geomean**

<b>NS</b>	E. coli	UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Orthophosphorus	UNK - Source Unknown
<b>CS</b>	Total Phosphorus	PS - Point Source Unknown; UNK - Source Unknown
<b>CS</b>	Ammonia	UNK - Source Unknown

**AUID:** 1903\_03      *From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough*

**Fish Community**

<b>CN</b>	Fish Community	NPS - Non-Point Source; PS - Point Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	UNK - Source Unknown
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**AUID:** 1903\_04      *From confluence with Live Oak Slough to upstream 25 miles*

**Nutrient Screening Levels**

<b>CS</b>	Nitrate	UNK - Source Unknown
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**AUID:** 1903\_05      *Upper 32 miles of segment*

**Fish Community**

<b>CN</b>	Fish Community	NPS - Non-Point Source; PS - Point Source Unknown
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1905

**Medina River Above Medina Lake**

From the confluence of Red Bluff Creek in Bandera County to the confluence of the North Prong Medina River and the West Prong Medina River in Bandera County

**AUID:** 1905\_01 *From lower end of segment to RR 470, upstream of Bandera*

**Fish Community**

**NS** Fish Community UNK - Source Unknown

**Habitat**

**CS** Habitat UNK - Source Unknown

**AUID:** 1905\_02 *Remainder of segment*

**Fish Community**

**CN** Fish Community UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1906 Lower Leon Creek**  
 From the confluence with the Medina River in Bexar County to a point 100 meters (110 yards) upstream of SH 16 northwest of San Antonio in Bexar County

**AUID: 1906\_01 Lower 3 miles of segment**

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**AUID: 1906\_02 From 3 miles upstream lower end of segment to confluence with Indian Creek**

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Point Source Unknown

**AUID: 1906\_03 From confluence with Indian Creek to Hwy 353 (New Laredo Hwy)**

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

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**AUID: 1906\_04 From Hwy 353 (New Laredo Hwy) to two miles upstream**

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Non-Point Source; PS - Point Source Unknown

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

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**Toxic Substances in sediment**

**CS** Silver UNK - Source Unknown

**AUID: 1906\_05 From 2 miles upstream of Hwy 353 to Hwy 90**

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

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

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**Toxic Substances in sediment**

**CS** Cadmium UNK - Source Unknown

**CS** Silver UNK - Source Unknown

**AUID: 1906\_06 Remainder of segment**

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

**NS** Restricted and No-Consumption NPS - Non-Point Source; PS - Point Source Unknown

**Toxic Substances in sediment**

**CS** Silver UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1908      **Upper Cibolo Creek**

From the Missouri-Pacific Railroad Bridge west of Bracken in Comal County to a point 1.5 km (0.9 miles) upstream of the confluence of Champee Springs in Kendall County

**AUID:** 1908\_01      *From confluence. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne*

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	PS - Point Source Unknown; UNK - Source Unknown
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<b>CS</b>	Total Phosphorus	UNK - Source Unknown
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**AUID:** 1908\_02      *From approx. 2 mi. upstream of Hwy 87 in Boerne to upper end of segment*

**Bacteria Geomean**

<b>NS</b>	E. coli	PS - Point Source Unknown; UNK - Source Unknown
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**Bacteria Single Sample**

<b>NS</b>	E. coli	PS - Point Source Unknown; UNK - Source Unknown
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**Habitat**

<b>CS</b>	Habitat	UNK - Source Unknown
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1910      Salado Creek**  
 From the confluence with the San Antonio River in Bexar County to Rocking Horse Lane west of Camp Bullis in Bexar County

**AUID: 1910\_02      From the confluence with Rosillo Creek up to the confluence with Pershing Creek.**

**Bacteria Geomean**

**NS**      E. coli      PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Fish Community**

**CN**      Fish Community      UNK - Source Unknown

**AUID: 1910\_03      From the confluence with Pershing Creek up to the confluence with Walzem Creek.**

**Bacteria Geomean**

**NS**      E. coli      PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Fish Community**

**NS**      Fish Community      UNK - Source Unknown

**Macrobenthic Community**

**NS**      Macrobenthic Community      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**AUID: 1910\_04      From the confluence with Walzem Creek up to the confluence with Beitel Creek**

**Bacteria Geomean**

**NS**      E. coli      PS - Point Source Unknown; UNK - Source Unknown

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Fish Community**

**CN**      Fish Community      NPS - Dam or Impoundment; NPS - Habitat Modification - other than Hydromodification; NPS - Loss of Riparian Habitat; NPS - Non-Point Source; PS - Point Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1910      Salado Creek**  
 From the confluence with the San Antonio River in Bexar County to Rocking Horse Lane west of Camp Bullis in Bexar County

**AUID: 1910\_05      From the confluence with Beitel Creek up to the confluence with Lorence Creek.**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Fish Community**

**CN**      Fish Community      NPS - Dam or Impoundment; NPS - Habitat Modification - other than Hydromodification; NPS - Loss of Riparian Habitat; NPS - Non-Point Source; PS - Point Source Unknown

**Habitat**

**CS**      Habitat      NPS - Dam or Impoundment

**AUID: 1910\_06      From the confluence with Lorence Creek up to the confluence with Lewis Creek.**

**Fish Community**

**CN**      Fish Community      UNK - Source Unknown

**AUID: 1910\_07      From the confluence with Lewis Creek to the upper end of the segment.**

**Fish Community**

**NS**      Fish Community      UNK - Source Unknown

**Macrobenthic Community**

**NS**      Macrobenthic Community      UNK - Source Unknown

**SEGID: 1910A      Walzem Creek (unclassified water body)**  
 From the confluence with Salado Creek to approximately 1.5 miles upstream of Walzem Road in San Antonio

**AUID: 1910A\_01      Lower 0.25 miles**

**Bacteria Geomean**

**CN**      E. coli      UNK - Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 1911

**Upper San Antonio River**

From a point 600 meters (660 yards) downstream of FM 791 at Mays Crossing near Falls City in Karnes County to a point 100 meters (110 yards) upstream of Hildebrand Avenue at San Antonio in Bexar County

**AUID:** 1911\_01 *From the lower end of the segment up to just upstream of the confluence with Olmos Creek.*

**Nutrient Screening Levels**

**CS** Nitrate PS - Point Source Unknown; UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**AUID:** 1911\_02 *From the confluence with Olmos Creek up to just upstream of the confluence with Picoosa Creek .*

**Bacteria Geomean**

**NS** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate PS - Point Source Unknown; UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**AUID:** 1911\_03 *From just upstream of the confluence with Picoosa Creek up to just upstream of the confluence with Lodi Branch in Floresville, Wilson County, Texas.*

**Bacteria Geomean**

**NS** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Nitrate PS - Point Source Unknown; UNK - Source Unknown

**AUID:** 1911\_04 *From just upstream of the confluence with Lodi Branch in Floresville, Wilson County, Texas up to just upstream of the confluence with Calaveras Creek.*

**Nutrient Screening Levels**

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**CS** Nitrate PS - Point Source Unknown; UNK - Source Unknown

**AUID:** 1911\_05 *From just upstream of the confluence with Calaveras Creek up to just upstream of the confluence with the Medina River.*

**Bacteria Geomean**

**NS** E. coli PS - Point Source Unknown; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate PS - Point Source Unknown; UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus PS - Point Source Unknown; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 1911	<b>Upper San Antonio River</b>	
From a point 600 meters (660 yards) downstream of FM 791 at Mays Crossing near Falls City in Karnes County to a point 100 meters (110 yards) upstream of Hildebrand Avenue at San Antonio in Bexar County		
<b>AUID:</b> 1911_06	<i>From just upstream of the confluence with the Medina River up to just upstream of the confluence with Salado Creek.</i>	
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 1911_07	<i>From just upstream of the confluence with Salado Creek up to just upstream of the confluence with Sixmile Creek.</i>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	PS - Point Source Unknown; UNK - Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>CN</b>	E. coli	UNK - Source Unknown
<b>AUID:</b> 1911_08	<i>From just upstream of the confluence with Sixmile Creek to just upstream of the confluence with San Pedro Creek.</i>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	PS - Point Source Unknown; UNK - Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	PS - Point Source Unknown; UNK - Source Unknown
<b>AUID:</b> 1911_09	<i>From just upstream of the confluence with San Pedro Creek up to the upper end of the segment.</i>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	PS - Point Source Unknown; UNK - Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	UNK - Source Unknown
<b><u>Fish Community</u></b>		
<b>NS</b>	Fish Community	UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Orthophosphorus	UNK - Source Unknown
<b>CS</b>	Nitrate	PS - Point Source Unknown; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1911B Apache Creek (unclassified water body)**  
 From the confluence with San Pedro Creek up to the upper end of the segment at State Highway 421 (NHD RC 12100301001439).

**AUID: 1911B\_01 From the confluence with San Pedro Creek up to just upstream of the confluence with Zarzamora Creek.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**SEGID: 1911C Alazan Creek (unclassified water body)**  
 From the confluence with Apache Creek up to 0.4 KM (0.25 Mi.) upstream of St. Cloud Road (NHD RC 12100301000163) in San Antonio, Bexar County, Texas.

**AUID: 1911C\_01 From the confluence with Apache Creek up to the confluence with Martinez Creek.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**SEGID: 1911D San Pedro Creek (unclassified water body)**  
 From the confluence with segment 1911 to the upper end of the water body, NHD RC 12100301000867

**AUID: 1911D\_01 From the confluence with segment 1911 up to the confluence with Apache Creek.**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**AUID: 1911D\_02 From the confluence with Apache Creek to the upper end of the segment, NHD RC 12100301000867**

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**Bacteria Single Sample**

**NS** E. coli UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1912 Medio Creek**  
 From the confluence with the Medina River in Bexar County to a point 1.0 km (0.6 miles) upstream of IH 35 in San Antonio in Bexar County

**AUID: 1912\_01 Entire segment**

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus UNK - Source Unknown

**SEGID: 1912A Upper Medio Creek (unclassified water body)**  
 From approximately 1.0 kilometer (0.6 miles) upstream of IH 35 at San Antonio (Bexar County) to approximately 1.0 mile upstream of the Bexar/Medina County Line

**AUID: 1912A\_01 Entire water body**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate UNK - Source Unknown

**CS** Orthophosphorus UNK - Source Unknown

**CS** Total Phosphorus UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 1913      Mid Cibolo Creek**  
 From a point 100 meters (110 yards) downstream of IH 10 in Bexar/Guadalupe County to the Missouri-Pacific Railroad bridge west of Bracken in Comal County

**AUID: 1913\_01      From 100 M downstream of IH0 up to unnamed tributary approximately 0.3 miles upstream of Weir Road, Bexar County, Texas.**

**Nutrient Screening Levels**

<b>CS</b>	Orthophosphorus	UNK - Source Unknown
<b>CS</b>	Total Phosphorus	UNK - Source Unknown
<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Ammonia	PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1913\_02      From the confluence with unnamed tributary approximately 0.3 miles upstream of Weir Road, Bexar county, Texas up to 100 meters upstream of the Cibolo Creek Municipal WWTP.**

**Dissolved Oxygen 24hr minimum**

<b>NS</b>	Dissolved Oxygen 24hr Min	UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Orthophosphorus	UNK - Source Unknown
<b>CS</b>	Total Phosphorus	UNK - Source Unknown
<b>CS</b>	Ammonia	PS - Point Source Unknown; UNK - Source Unknown

**AUID: 1913\_03      From 100 meters upstream of Cibolo Creek Municipal WWTP up to the upper end of the segment.**

**Bacteria Geomean**

<b>NS</b>	E. coli	PS - Point Source Unknown; UNK - Source Unknown
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**Nutrient Screening Levels**

<b>CS</b>	Nitrate	UNK - Source Unknown
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**SEGID: 2001      Mission River Tidal**  
 From the confluence with Mission Bay in Refugio County to a point 7.4 kilometers (4.6 miles) downstream of US 77 in Refugio County

**AUID: 2001\_01      Entire Water Body**

**Bacteria Geomean**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown
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**Bacteria Single Sample**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2003      Aransas River Tidal**  
 From the confluence with Copano Bay in Aransas/Refugio County to a point 1.6 kilometers (1.0 mile) upstream of US 77 in Refugio/San Patricio County

**AUID: 2003\_01      Entire Water Body**  
Bacteria Geomean  
**NS**      Enterococcus      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

Bacteria Single Sample  
**NS**      Enterococcus      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

Nutrient Screening Levels  
**CS**      Orthophosphorus      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2004      Aransas River Above Tidal**  
 From a point 1.6 kilometers (1.0 mile) upstream of US 77 in Refugio/San Patricio County to the confluence of Poesta Creek and Aransas Creek in Bee County

**AUID: 2004\_02      From the confluence with Papalote Creek to the upstream end of segment at the confluence with Aransas Creek and Poesta Creek**  
Dissolved Oxygen grab screening level  
**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; UNK - Source Unknown

Nutrient Screening Levels  
**CS**      Nitrate      NPS - Non-Point Source; UNK - Source Unknown

**CS**      Orthophosphorus      NPS - Non-Point Source; UNK - Source Unknown

**CS**      Total Phosphorus      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2004A      Aransas Creek (unclassified water body)**  
 From confluence with the Aransas River to the headwaters of the stream about 10 km upstream of US Highway 59.

**AUID: 2004A\_01      Entire 20 miles of segment**  
Bacteria Geomean  
**NS**      E. coli      NPS - Non-Point Source

Dissolved Oxygen grab minimum  
**CN**      Dissolved Oxygen Grab      UNK - Source Unknown

Dissolved Oxygen grab screening level  
**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**SEGID: 2101      Nueces River Tidal**  
 From the confluence with Nueces Bay in Nueces County to Calallen Dam 1.7 km (1.1 miles) upstream of US 77/IH 37 in Nueces/San Patricio County

**AUID: 2101\_01      Entire Water Body**  
Nutrient Screening Levels  
**CS**      Chlorophyll-a      NPS - Non-Point Source; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 2102

**Nueces River Below Lake Corpus Christi**

From Calallen Dam 1.7 km (1.1 miles) upstream of US 77/IH 37 in Nueces/San Patricio County to Wesley E. Seale Dam in Jim Wells/San Patricio County

**AUID:** 2102\_01

*From the downstream end of segment to the confluence with Javelin Creek*

**Nutrient Screening Levels**

**CS**

Chlorophyll-a

NPS - Non-Point Source; UNK - Source Unknown



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 2103      **Lake Corpus Christi**

From Wesley E. Seale Dam in Jim Wells/San Patricio County to a point 100 meters (110 yards) upstream of US 59 in Live Oak County, up to normal pool elevation of 94 feet (impounds Nueces River)

**AUID:** 2103\_01      *Mid-lake near dam*

**Dissolved Solids**

**NS**      Total Dissolved Solids      PS - Drought-related Impacts; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID:** 2103\_02      *Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore*

**Dissolved Solids**

**NS**      Total Dissolved Solids      PS - Drought-related Impacts; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**AUID:** 2103\_03      *Western arm of lake near Lagarto Creek inlet*

**Dissolved Solids**

**NS**      Total Dissolved Solids      PS - Drought-related Impacts; UNK - Source Unknown

**AUID:** 2103\_04      *Upper portion of lake on opposite shore from Hideaway Hill*

**Dissolved Solids**

**NS**      Total Dissolved Solids      PS - Drought-related Impacts; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**AUID:** 2103\_05      *Upper arm of reservoir in more riverine section surrounding FM 534*

**Dissolved Solids**

**NS**      Total Dissolved Solids      PS - Drought-related Impacts; UNK - Source Unknown

**AUID:** 2103\_06      *Uppermost riverine part of reservoir upstream of FM 534 to upper end of segment to just upstream of US Highway 59.*

**Dissolved Solids**

**NS**      Total Dissolved Solids      PS - Drought-related Impacts; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**CS**      Orthophosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2104**      **Nueces River Above Frio River**  
 From the confluence of the Frio River in Live Oak County to Holland Dam in LaSalle County

**AUID: 2104\_01**      *From the downstream end of the segment to the confluence with Dragon Creek*

**Fish Community**

**NS**      Fish Community      NPS - Non-Point Source; UNK - Source Unknown

**Macrobenthic Community**

**NS**      Macrobenthic Community      UNK - Source Unknown

**AUID: 2104\_02**      *From the confluence with Dragon Creek to the confluence with Guadalupe Creek*

**Fish Community**

**CN**      Fish Community      NPS - Non-Point Source; UNK - Source Unknown

**AUID: 2104\_03**      *From the confluence with Guadalupe Creek to the upstream end of the segment*

**Fish Community**

**CN**      Fish Community      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2105**      **Nueces River Above Holland Dam**  
 From Holland Dam in LaSalle County to a point 100 meters (110 yards) upstream of FM 1025 in Zavala County

**AUID: 2105\_01**      *From the downstream end of the segment at Holland Dam to the confluence of Sauz Mocho Creek*

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; UNK - Source Unknown

**AUID: 2105\_02**      *From the confluence with Sauz Macho Creek to the confluence of Line Oak Slough*

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2106**      **Nueces/Lower Frio River**  
 From a point 100 meters (110 yards) upstream of US 59 in Live Oak County to Choke Canyon Dam in Live Oak County

**AUID: 2106\_01**      *The Nueces river from the downstream end of segment to the confluence with the Frio River*

**Dissolved Solids**

**NS**      Total Dissolved Solids      NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

**AUID: 2106\_02**      *The Frio River from the confluence with the Nueces River to Choke Canyon Dam*

**Dissolved Solids**

**NS**      Total Dissolved Solids      NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 2107	<b>Atascosa River</b>	
	From the confluence with the Frio River in Live Oak County to the confluence of the West Prong Atascosa River and the North Prong Atascosa River in Atascosa County	
<b>AUID:</b> 2107_01	<b><i>From the downstream end of the segment at the confluence with the Frio River to the confluence with Borrego Creek</i></b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown
<b>AUID:</b> 2107_02	<b><i>From the confluence with Borrego Creek to the confluence with Galvan Creek</i></b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<b><u>Dissolved Oxygen 24hr average</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	UNK - Source Unknown
<b><u>Fish Community</u></b>		
<b>NS</b>	Fish Community	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<b><u>Habitat</u></b>		
<b>CS</b>	Habitat	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<b><u>Macrobenthic Community</u></b>		
<b>NS</b>	Macrobenthic Community	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	UNK - Source Unknown
<b>CS</b>	Orthophosphorus	NPS - Non-Point Source; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2107      Atascosa River**  
 From the confluence with the Frio River in Live Oak County to the confluence of the West Prong Atascosa River and the North Prong Atascosa River in Atascosa County

**AUID: 2107\_03      From the confluence with Galvan Creek to the confluence with Palo Alto Creek**

**Fish Community**

**NS**      Fish Community      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Habitat**

**CS**      Habitat      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Macrobenthic Community**

**NS**      Macrobenthic Community      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2108      San Miguel Creek**  
 From a point immediately upstream of the confluence of Mustang Branch in McMullen County to the confluence of San Francisco Perez Creek and Chacon Creek in Frio County

**AUID: 2108\_01      From the downstream end of the segment to the confluence of Liveoak Creek**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2109      Leona River**  
 From the confluence with the Frio River in Frio County to US 83 in Uvalde County

**AUID: 2109\_01      From the downstream end of segment to the confluence of Yoledigo Creek**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**AUID: 2109\_02      From the confluence of Yoledigo Creek to the confluence of Camp Lake Slough**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**AUID: 2109\_03      From the confluence of Camp Lake Slough to the upper end of segment**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**SEGID: 2110      Lower Sabinal River**  
 From the confluence with the Frio River in Frio County to Uvalde County to a point 100 meters (110 yards) upstream of SH 127 in Uvalde County

**AUID: 2110\_01      Entire Water Body**

**Nutrient Screening Levels**

**NS**      Nitrate      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2113      Upper Frio River**  
 From a point 100 meters (110 yards) upstream of US 90 in Uvalde County to the confluence of the West Frio River and the East Frio River in Real County

**AUID: 2113\_01      From the downstream end of the segment to the confluence with Bear Creek**

**Fish Community**

**NS**      Fish Community      NPS - Non-Point Source; UNK - Source Unknown

**Habitat**

**CS**      Habitat      NPS - Non-Point Source; UNK - Source Unknown

**Macrobenthic Community**

**NS**      Macrobenthic Community      NPS - Non-Point Source; UNK - Source Unknown

**AUID: 2113\_02      From the confluence with Bear Creek to the upstream end of segment**

**Fish Community**

**CN**      Fish Community      NPS - Non-Point Source; UNK - Source Unknown

**Habitat**

**CS**      Habitat      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2114      Hondo Creek**  
 From the confluence with the Frio River in Frio County to FM 470 in Bandera County

**AUID: 2114\_01      From the downstream end of the segment to the confluence with and unnamed tributary with NHD RC 12110107000245 at point N-99.12, W29.38 just upstream of FM 2676.**

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**SEGID: 2116      Choke Canyon Reservoir**  
 From Choke Canyon Dam in Live Oak County to a point 4.2 km (2.6 miles) downstream of SH 16 on the Frio River Arm in McMullen County and to a point 100 meters (110 yards) upstream of the confluence of Mustang Branch on the San Miguel Creek Arm in McMullen County, up to the normal pool elevation of 220.5 feet (impounds Frio River)

**AUID: 2116\_05      Southern arm near mid lake and Rec. Road 7 west of Calliham**

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

**AUID: 2116\_06      Western end of lake up to RR 99 bridge**

**Dissolved Oxygen 24hr average**

**NS**      Dissolved Oxygen 24hr Avg      NPS - Non-Point Source; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 2117	<b>Frio River Above Choke Canyon Reservoir</b>	
	From a point 4.2 km (2.6 miles) downstream of SH 16 in McMullen County to a point 100 meters (110 yards) upstream of US 90 in Uvalde County	
<b>AUID:</b> 2117_01	<i>From the downstream end of segment to the confluence with Esperanza Creek</i>	
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Non-Point Source; UNK - Source Unknown
<b>AUID:</b> 2117_02	<i>From the confluence with Esperanza Creek to the confluence with Ruiz Creek</i>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Non-Point Source; UNK - Source Unknown
<b>AUID:</b> 2117_03	<i>From the confluence with Ruiz Creek to the confluence with Live Oak Creek</i>	
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Non-Point Source; UNK - Source Unknown
<b>AUID:</b> 2117_04	<i>From the confluence with Live Oak Creek to the confluence with Elm Creek</i>	
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Non-Point Source; UNK - Source Unknown
<b>AUID:</b> 2117_05	<i>From the confluence with Elm to the confluence with Spring Branch</i>	
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Nitrate	NPS - Non-Point Source; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2201      Arroyo Colorado Tidal**  
 From confluence with Laguna Madre in Cameron/Willacy County to a point 100 meters (110 yards) downstream of Cemetery Road south of Port Harlingen in Cameron County

**AUID: 2201\_01      From the downstream end of the segment to the confluence with San Vicente Drainage Ditch**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2201\_02      From the confluence with San Vicente Drainage Ditch to the confluence with an unnamed drainage ditch with NHD RC 12110108005353 at point N-97.53, W 26.31**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2201\_03      From the confluence with an unnamed drainage ditch with NHD RC 12110108005353 at point N-97.53, W 26.31 to the confluence with Harding Ranch Ditch tributary**

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2201\_04      From the confluence with Harding Ranch Ditch tributary to just upstream of the City of Hondo Wastewater Discharge at point N-97.58359, W26.247186**

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2201      Arroyo Colorado Tidal**  
 From confluence with Laguna Madre in Cameron/Willacy County to a point 100 meters (110 yards) downstream of Cemetery Road south of Port Harlingen in Cameron County

**AUID: 2201\_05      From just upstream of the City of Hondo Wastewater Discharge at point N-97.58359, W26.247186 to the upstream end of the segment**

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Bacteria Single Sample**

**NS**      Enterococcus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Dissolved Oxygen 24hr minimum**

**NS**      Dissolved Oxygen 24hr Min      NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      UNK - Source Unknown

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

**NS**      Restricted and No-Consumption      NPS - Irrigated Crop Production

**NS**      Restricted and No-Consumption      NPS - Non-Point Source

**NS**      Restricted and No-Consumption      PS - Unpermitted Discharge (Industrial/commercial Wastes)

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 2201A      Harding Ranch Drainage Ditch Tributary (A) to the Arroyo Colorado Tidal (unclassified water body)**  
 From the confluence with the Arroyo Colorado in Cameron County downstream of Rio Hondo at -97.584, 26.279 decimal degrees to a point 20.8 km upstream at the FM 508 crossing.

**AUID: 2201A\_01      Entire Water Body**

**Nutrient Screening Levels**

**CS**      Ammonia      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 2201B **Unnamed Drainage Ditch Tributary (B) in Cameron County Drainage District #3 (unclassified water body)**

From the confluence with the Arroyo Colorado in Cameron County in the Rio Hondo turning basin at -97.6, 26.196 decimal degrees to a point 17.6 km upstream at the FM 510 crossing.

**AUID:** 2201B\_01 *Entire Water Body*

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; UNK - Source Unknown

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; UNK - Source Unknown

**CS** Nitrate NPS - Non-Point Source; UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2202      Arroyo Colorado Above Tidal**  
 From a point 100 meters (110 yards) downstream of Cemetery Road south of Port Harlingen in Cameron County to FM 2062 in Hidalgo County

**AUID: 2202\_01      From the downstream end of segment to the confluence with Little Creek just upstream of State Loop 499.**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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

**NS**      Restricted and No-Consumption      PS - Unpermitted Discharge (Industrial/commercial Wastes)

**NS**      Restricted and No-Consumption      NPS - Non-Point Source

**NS**      Restricted and No-Consumption      NPS - Irrigated Crop Production

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Ammonia      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2202\_02      From the confluence with Little Creek to the confluence with La Feria Main Canal just upstream of Dukes Highway.**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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

**NS**      Restricted and No-Consumption      NPS - Non-Point Source

**NS**      Restricted and No-Consumption      PS - Unpermitted Discharge (Industrial/commercial Wastes)

**NS**      Restricted and No-Consumption      NPS - Irrigated Crop Production

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2202      Arroyo Colorado Above Tidal**  
 From a point 100 meters (110 yards) downstream of Cemetery Road south of Port Harlingen in Cameron County to FM 2062 in Hidalgo County

**AUID: 2202\_03      From the confluence with La Feria Main Canal just upstream of Dukes Highway to the confluence with La Cruz Resaca just downstream of FM 907**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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

**NS**      Restricted and No-Consumption      NPS - Non-Point Source

**NS**      Restricted and No-Consumption      PS - Unpermitted Discharge (Industrial/commercial Wastes)

**NS**      Restricted and No-Consumption      NPS - Irrigated Crop Production

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2202\_04      From the confluence with La Cruz Resaca to the upper end of segment at FM 2062**

**Bacteria Geomean**

**NS**      E. coli      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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

**NS**      Restricted and No-Consumption      NPS - Non-Point Source

**NS**      Restricted and No-Consumption      PS - Unpermitted Discharge (Industrial/commercial Wastes)

**NS**      Restricted and No-Consumption      NPS - Irrigated Crop Production

**Nutrient Screening Levels**

**CS**      Total Phosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Ammonia      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2202A Donna Reservoir (unclassified water body)**  
 Off-channel irrigation reservoir pumped from Rio Grande near the City of Donna in Hidalgo County

**AUID: 2202A\_01 Entire reservoir**

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

**NS** Aquatic Life Closure UNK - Source Unknown

**SEGID: 2202B Unnamed Drainage Ditch Tributary (B) to S. Arroyo Colorado (unclassified water body)**  
 Perennial drainage ditches that flow into the segment in Cameron and Hidalgo counties

**AUID: 2202B\_01 Entire segment**

**Bacteria Geomean**

**CN** Fecal coliform UNK - Source Unknown

**Bacteria Single Sample**

**NS** Fecal coliform UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Irrigated Crop Production

**CS** Chlorophyll-a NPS - Irrigated Crop Production

**SEGID: 2202C Unnamed Drainage Ditch Tributary (C) to S. Arroyo Colorado (unclassified water body)**  
 From the confluence with S. Arroyo Colorado to a point 1.1 miles upstream near US Highway 281.

**AUID: 2202C\_01 Entire segment**

**Bacteria Geomean**

**CN** Fecal coliform UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 2203 Petronila Creek Tidal**  
 From the confluence of Chiltipin Creek in Kleberg County to a point 1 km (0.6 miles) upstream of private road crossing near Laureles Ranch in Kleberg County

**AUID: 2203\_01 Entire segment**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 2204	<b>Petronila Creek Above Tidal</b>	From a point 1 km (0.6 miles) upstream of private road crossing near Laureles Ranch in Kleberg County to the confluence of Agua Dulce and Banquete Creeks in Nueces County
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**AUID:** 2204\_01 *From downstream end of segment to the confluence with 2204A, unnamed drainage ditch tributary to Petronila Creek at N-97.7, W27.65 approximately 32.5 km (20.2 mi) upstream*

**Dissolved Solids**

**NS** Chloride NPS - Petroleum/natural Gas Production Activities (Permitted)

**NS** Sulfate NPS - Petroleum/natural Gas Production Activities (Permitted)

**NS** Total Dissolved Solids NPS - Petroleum/natural Gas Production Activities (Permitted)

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; UNK - Source Unknown

**AUID:** 2204\_02 *From the confluence with 2204A, unnamed drainage ditch tributary of Petronila Creek at N-97.7, W27.65 to the upstream end of segment at the confluence with Agua Dulce and Banquete Creeks approximately 31.6 km (19.6 mi) upstream*

**Bacteria Geomean**

**CN** E. coli UNK - Source Unknown

**Dissolved Solids**

**NS** Sulfate NPS - Petroleum/natural Gas Production Activities (Permitted)

**NS** Total Dissolved Solids NPS - Petroleum/natural Gas Production Activities (Permitted)

**NS** Chloride NPS - Petroleum/natural Gas Production Activities (Permitted)

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; UNK - Source Unknown

<b>SEGID:</b> 2301	<b>Rio Grande Tidal</b>	From the confluence with the Gulf of Mexico in Cameron County to a point 10.8 km (6.7 miles) downstream of the International Bridge in Cameron County
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**AUID:** 2301\_01 *From the mouth of the Rio Grande (lower segment boundary) to a point 71.7 km (44.6 mi) upstream*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

**AUID:** 2301\_02 *From a point 71.7 km (44.6 mi) upstream of the mouth the Rio Grande to the upper segment boundary 10.8 km (6.7 mi) downstream of the International Bridge*

**Bacteria Geomean**

**CN** Enterococcus NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

<b>SEGID:</b> 2302	<b>Rio Grande Below Falcon Reservoir</b>	
	From a point 10.8 km (6.7 miles) downstream of the International Bridge in Cameron County to Falcon Dam in Starr County	
<b>AUID:</b> 2302_01	<b><i>From the El Jardin Pump Station upstream to the Rancho Viejo Floodway</i></b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<b><u>Bacteria Single Sample</u></b>		
<b>NS</b>	E. coli	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<b><u>Bioaccumulative Toxics in fish tissue</u></b>		
<b>CS</b>	Mercury	UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<b>AUID:</b> 2302_02	<b><i>From the Rancho Viejo Floodway upstream to the Progresso Int'l Bridge (FM 1015)</i></b>	
<b><u>Bioaccumulative Toxics in fish tissue</u></b>		
<b>CS</b>	Mercury	UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Ammonia	NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges
<b>AUID:</b> 2302_03	<b><i>From the Progresso Int'l Bridge (FM 1015) upstream to the McAllen Int'l Bridge (US Hwy 281)</i></b>	
<b><u>Bioaccumulative Toxics in fish tissue</u></b>		
<b>CS</b>	Mercury	UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<b>AUID:</b> 2302_04	<b><i>From the McAllen Int'l Bridge (US Hwy 281) upstream to Anzalduas Dam</i></b>	
<b><u>Bacteria Geomean</u></b>		
<b>NS</b>	E. coli	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<b><u>Bioaccumulative Toxics in fish tissue</u></b>		
<b>CS</b>	Mercury	UNK - Source Unknown
<b>AUID:</b> 2302_05	<b><i>From Anzalduas Dam upstream to the Los Ebanos Ferry Crossing</i></b>	
<b><u>Bioaccumulative Toxics in fish tissue</u></b>		
<b>CS</b>	Mercury	UNK - Source Unknown
<b>AUID:</b> 2302_06	<b><i>From the Los Ebanos Ferry Crossing upstream to the Arroyo Los Olmos confluence</i></b>	
<b><u>Bioaccumulative Toxics in fish tissue</u></b>		
<b>CS</b>	Mercury	UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2302      Rio Grande Below Falcon Reservoir**  
 From a point 10.8 km (6.7 miles) downstream of the International Bridge in Cameron County to Falcon Dam in Starr County

**AUID: 2302\_07      From the Arroyo Los Olmos confluence upstream to the Falcon Dam**

**Bioaccumulative Toxics in fish tissue**

**CS**      Mercury      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges

**SEGID: 2302A      Arroyo Los Olmos (unclassified water body)**  
 From Rio Grande confluence at Rio Grande City to El Sauz in Starr County

**AUID: 2302A\_01      From the Rio Grande confluence near Rio Grande City upstream to a point 39.4 km (24.5 mi) near El Sauz**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; UNK - Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2303      International Falcon Reservoir**  
 From Falcon Dam in Starr County to the confluence of the Arroyo Salado (Mexico) in Zapata County, up to normal pool elevation of 301.1 feet (impounds Rio Grande)

**AUID: 2303\_02      Area around Zapata WTP intake**

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Ammonia      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**TOXNET ambient toxicity tests in water - sublethality**

**CN**      Water Toxicity - Sublethal Effects      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2304**

**Rio Grande Below Amistad Reservoir**

From the confluence of the Arroyo Salado (Mexico) in Zapata County to Amistad Dam in Val Verde County

**AUID: 2304\_01**      *From the Arroyo Salado confluence upstream to the San Idelfonso Creek confluence*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**AUID: 2304\_02**      *From the San Idelfonso Creek confluence upstream to International Bridge #2*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**AUID: 2304\_03**      *From the International Bridge #2 upstream to the City of Laredo water treatment plant intake*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**TOXNET ambient toxicity tests in water - sublethality**

**CN**      Water Toxicity - Sublethal Effects      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2304\_04**      *From the City of Laredo water treatment plant intake upstream to the World Trade Center Bridge*

**TOXNET ambient toxicity tests in water - sublethality**

**CN**      Water Toxicity - Sublethal Effects      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2304\_07**      *From El Indio upstream to downstream of US Hwy 277 (Eagle Pass)*

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2304      Rio Grande Below Amistad Reservoir**  
 From the confluence of the Arroyo Salado (Mexico) in Zapata County to Amistad Dam in Val Verde County

**AUID: 2304\_09      From the Las Moras Creek confluence upstream to the San Felipe Creek confluence**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**SEGID: 2304B      Manadas Creek (unclassified water body)**  
 From the Rio Grande confluence in Laredo to a point 1.3 km (0.81 mi) upstream of Bob Bullock Loop

**AUID: 2304B\_01      From the Rio Grande confluence in Laredo to a point 1.3 km (0.81 mi) upstream of Bob Bullock Loop**

**Bacteria Geomean**

**CN**      E. coli      NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**CN**      E. coli      NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Urban Runoff/Storm Sewers

**SEGID: 2305      International Amistad Reservoir**  
 From Amistad Dam in Val Verde County to a point 1.8 km (1.1 miles) downstream of the confluence of Ramsey Canyon on the Rio Grande Arm in Val Verde County and to a point 0.7 km (0.4 miles) downstream of the confluence of Painted Canyon on the Pecos Arm in Val Verde County and to a point 0.6 kilometer (0.4 mile) downstream of the confluence of Little Satan Creek on the Devils River Arm in Val Verde County, up to the normal pool elevation of 1117 feet (impounds Rio Grande)

**AUID: 2305\_01      Rio Grande Arm**

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

**AUID: 2305\_02      Devils River arm**

**Nutrient Screening Levels**

**CS**      Nitrate      UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 2306**

**Rio Grande Above Amistad Reservoir**

From a point 1.8 km (1.1 miles) downstream of the confluence of Ramsey Canyon in Val Verde County to the confluence of the Rio Conchos (Mexico) in Presidio County

**AUID: 2306\_01**      *From the lower segment boundary at Ramsey Canyon upstream to the confluence of Panther Gulch*

**Dissolved Solids**

**NS**      Chloride      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Sulfate      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Total Dissolved Solids      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**Nutrient Screening Levels**

**CS**      Total Phosphorus      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**AUID: 2306\_02**      *From the confluence of Panther Gulch upstream to FM 2627*

**Dissolved Solids**

**NS**      Sulfate      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Total Dissolved Solids      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Chloride      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**AUID: 2306\_03**      *From FM 2627 upstream to Boquillas Canyon*

**Dissolved Solids**

**NS**      Chloride      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Sulfate      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Total Dissolved Solids      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**AUID: 2306\_04**      *From Boquillas Canyon upstream to Mariscal Canyon*

**Dissolved Solids**

**NS**      Chloride      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Sulfate      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Total Dissolved Solids      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**Fish Kill Reports**

**CN**      Fish Kill Reports      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2306      Rio Grande Above Amistad Reservoir**  
 From a point 1.8 km (1.1 miles) downstream of the confluence of Ramsey Canyon in Val Verde County to the confluence of the Rio Conchos (Mexico) in Presidio County

**AUID: 2306\_05      From Mariscal Canyon to a point upstream of the IBWC gage at Johnson Ranch**

**Dissolved Solids**

**NS**      Chloride      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Sulfate      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Total Dissolved Solids      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**Fish Kill Reports**

**CN**      Fish Kill Reports      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**AUID: 2306\_06      From a point upstream of the IBWC gage at Johnson Ranch to the mouth of Santa Elena Canyon at the Terlingua Creek confluence**

**Dissolved Solids**

**NS**      Chloride      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Sulfate      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Total Dissolved Solids      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**Fish Kill Reports**

**CN**      Fish Kill Reports      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**AUID: 2306\_07      From the mouth of Santa Elena Canyon at the Terlingua Creek confluence upstream to the Alamito Creek confluence**

**Dissolved Solids**

**NS**      Chloride      NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Sulfate      NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Total Dissolved Solids      NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**Fish Kill Reports**

**CN**      Fish Kill Reports      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 2306

**Rio Grande Above Amistad Reservoir**

From a point 1.8 km (1.1 miles) downstream of the confluence of Ramsey Canyon in Val Verde County to the confluence of the Rio Conchos (Mexico) in Presidio County

**AUID:** 2306\_08

*From Alamito Creek confluence upstream to the Rio Conchos confluence*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
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**Dissolved Solids**

<b>NS</b>	Chloride	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
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<b>NS</b>	Sulfate	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
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<b>NS</b>	Total Dissolved Solids	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 2307	<b>Rio Grande Below Riverside Diversion Dam</b>
From the confluence of the Rio Conchos (Mexico) in Presidio County to Riverside Diversion Dam in El Paso County	

**AUID:** 2307\_01 *From immediately upstream of the Rio Conchos confluence to a point 40.2 km (25 mi) upstream*

**Dissolved Solids**

<b>NS</b>	Chloride	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
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<b>NS</b>	Total Dissolved Solids	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
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**Nutrient Screening Levels**

<b>CS</b>	Chlorophyll-a	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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**AUID:** 2307\_02 *From a point 40.2 km (25 mi) upstream of the Rio Conchos confluence to Little Box Canyon*

**Dissolved Solids**

<b>NS</b>	Chloride	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
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<b>NS</b>	Total Dissolved Solids	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
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**AUID:** 2307\_03 *From Little Box Canyon upstream to the Alamo Grade Structure*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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**Dissolved Solids**

<b>NS</b>	Chloride	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
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<b>NS</b>	Total Dissolved Solids	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
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**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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<b>CS</b>	Ammonia	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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<b>CS</b>	Chlorophyll-a	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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<b>CS</b>	Orthophosphorus	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges; PS - Point Source Unknown
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## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 2307	<b>Rio Grande Below Riverside Diversion Dam</b>
From the confluence of the Rio Conchos (Mexico) in Presidio County to Riverside Diversion Dam in El Paso County	

**AUID:** 2307\_04      *From the Alamo Grade Structure upstream to the Guadalupe Bridge*

**Bacteria Geomean**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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**Bacteria Single Sample**

<b>NS</b>	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
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**Dissolved Solids**

<b>NS</b>	Chloride	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
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<b>NS</b>	Total Dissolved Solids	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
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**Nutrient Screening Levels**

<b>CS</b>	Total Phosphorus	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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<b>CS</b>	Nitrate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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<b>CS</b>	Chlorophyll-a	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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<b>CS</b>	Ammonia	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
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<b>CS</b>	Orthophosphorus	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges; PS - Point Source Unknown
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2307      Rio Grande Below Riverside Diversion Dam**  
 From the confluence of the Rio Conchos (Mexico) in Presidio County to Riverside Diversion Dam in El Paso County

**AUID: 2307\_05      From the Guadalupe Bridge to downstream of the Riverside Diversion Dam**

**Bacteria Geomean**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown

**Bacteria Single Sample**

**NS**      E. coli      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown

**Dissolved Solids**

**NS**      Total Dissolved Solids      NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders

**NS**      Chloride      NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown

**CS**      Total Phosphorus      NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown

**CS**      Nitrate      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown

**CS**      Ammonia      NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown

**CS**      Orthophosphorus      NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges; PS - Point Source Unknown

**SEGID: 2308      Rio Grande Below International Dam**  
 From the Riverside Diversion Dam in El Paso County to International Dam in El Paso County

**AUID: 2308\_01      From the Riverside Diversion Dam to the International Dam in El Paso County**

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

**CS**      Total Phosphorus      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

**CS**      Ammonia      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

**CS**      Chlorophyll-a      NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 2310

**Lower Pecos River**

From a point 0.7 km (0.4 miles) downstream of the confluence of Painted Canyon in Val Verde County to a point immediately upstream of the confluence of Independence Creek in Crockett/Terrell County

**AUID:** 2310\_01

*From the Devils River Arm of Amistad Reservoir confluence upstream to FM 2083 near Pan Dale*

**Fish Kill Reports**

**CN**

Fish Kill Reports

UNK - Source Unknown

**AUID:** 2310\_02

*From FM 2083 near Pan Dale upstream to just upstream of the Independence Creek confluence*

**Fish Kill Reports**

**CN**

Fish Kill Reports

UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

<b>SEGID:</b> 2311	<b>Upper Pecos River</b>	
	From a point immediately upstream of the confluence of Independence Creek in Crockett/Terrell County to Red Bluff Dam in Loving/Reeves County	
<b>AUID:</b> 2311_01	<b><i>From just upstream of the Independence Creek confluence upstream to US Hwy 290</i></b>	
<b><u>Fish Kill Reports</u></b>		
<b>CN</b>	Fish Kill Reports	UNK - Source Unknown
<b>AUID:</b> 2311_02	<b><i>From US Hwy 290 upstream to US Hwy 67</i></b>	
<b><u>Fish Kill Reports</u></b>		
<b>CN</b>	Fish Kill Reports	UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown
<b>AUID:</b> 2311_03	<b><i>From US Hwy 67 upstream to FM 1776</i></b>	
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	UNK - Source Unknown
<b><u>Dissolved Oxygen grab screening level</u></b>		
<b>CS</b>	Dissolved Oxygen Grab	UNK - Source Unknown
<b><u>Fish Kill Reports</u></b>		
<b>CN</b>	Fish Kill Reports	UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown
<b>AUID:</b> 2311_04	<b><i>From FM 1776 upstream to US Hwy 80 (Bus 20)</i></b>	
<b><u>Dissolved Oxygen 24hr minimum</u></b>		
<b>NS</b>	Dissolved Oxygen 24hr Min	UNK - Source Unknown
<b><u>Fish Kill Reports</u></b>		
<b>CN</b>	Fish Kill Reports	UNK - Source Unknown
<b><u>Nutrient Screening Levels</u></b>		
<b>CS</b>	Chlorophyll-a	NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown
<b>AUID:</b> 2311_05	<b><i>From US Hwy 80 (Bus 20) upstream to the Barstow Dam</i></b>	
<b><u>Bacteria Geomean</u></b>		
<b>CN</b>	E. coli	NPS - Non-Point Source
<b><u>Fish Kill Reports</u></b>		
<b>CN</b>	Fish Kill Reports	UNK - Source Unknown
<b>AUID:</b> 2311_06	<b><i>From the Barstow Dam upstream to State Hwy 302</i></b>	
<b><u>Fish Kill Reports</u></b>		
<b>CN</b>	Fish Kill Reports	UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 2311

**Upper Pecos River**

From a point immediately upstream of the confluence of Independence Creek in Crockett/Terrell County to Red Bluff Dam in Loving/Reeves County

**AUID:** 2311\_07 *From State Hwy 302 upstream to FM 652*

**Fish Kill Reports**

**CN** Fish Kill Reports UNK - Source Unknown

**AUID:** 2311\_08 *From FM 652 upstream to the Red Bluff Dam*

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**Fish Kill Reports**

**CN** Fish Kill Reports UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown

**SEGID:** 2312

**Red Bluff Reservoir**

From Red Bluff Dam in Loving/Reeves County to New Mexico State Line in Loving/Reeves County, up to normal pool elevation 2842 feet (impounds Pecos River)

**AUID:** 2312\_01 *From the Red Bluff Dam to mid-lake*

**Fish Kill Reports**

**CN** Fish Kill Reports NPS - Non-Point Source; UNK - Source Unknown

**HH Bioaccumulative Toxics in water**

**CN** 1,2-Dibromoethane UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; UNK - Source Unknown

**AUID:** 2312\_02 *From mid-lake to the Texas/New Mexico state line*

**Fish Kill Reports**

**CN** Fish Kill Reports UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; UNK - Source Unknown

**CS** Nitrate NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2314

### Rio Grande Above International Dam

From International Dam in El Paso County to the New Mexico State Line in El Paso County

**AUID:** 2314\_01 *From the International Dam upstream to the Anthony Drain confluence*

**Bacteria Geomean**

**NS** E. coli NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS** E. coli NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**AUID:** 2314\_02 *From the Anthony Drain confluence upstream to the New Mexico/Texas state line*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2421 Upper Galveston Bay**

**AUID: 2421\_01 Red Bluff to Five Mile Cut to Houston Point to Morgans Point**

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2421\_02 Western portion of the bay**

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**AUID: 2421\_03 Eastern portion of the bay**

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2421A Clear Lake Channel (unclassified water body)**  
 From the Lower Galveston Bay confluence to SH 146

**AUID: 2421A\_01 From Lower Galveston Bay confluence to SH 146**

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

- |           |                        |  |
|-----------|------------------------|--|
| <b>NS</b> | Restricted-Consumption | PS - Industrial Point Source Discharge |
| <b>NS</b> | Restricted-Consumption | PS - Industrial Point Source Discharge |

**Nutrient Screening Levels**

- |           |                  |   |
|-----------|------------------|---|
| <b>CS</b> | Ammonia          | NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown |
| <b>CS</b> | Total Phosphorus | NPS - Urban Runoff/Storm Sewers                       |

**SEGID: 2421OW Upper Galveston Bay (Oyster Waters)**

**AUID: 2421OW\_01 Entire western portion of the bay**

**DSHS Shellfish Harvesting Maps**

- |           |                                |                                 |
|-----------|--------------------------------|---------------------------------|
| <b>NS</b> | DSHS Shellfishing Restrictions | NPS - Urban Runoff/Storm Sewers |
|-----------|--------------------------------|---------------------------------|

**SEGID: 2422 Trinity Bay**

**AUID: 2422\_01 Upper half of bay**

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

- |           |                        |  |
|-----------|------------------------|--|
| <b>NS</b> | Restricted-Consumption | PS - Industrial Point Source Discharge |
| <b>NS</b> | Restricted-Consumption | PS - Industrial Point Source Discharge |

**Nutrient Screening Levels**

- |           |               |   |
|-----------|---------------|---|
| <b>CS</b> | Chlorophyll-a | NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers                 |
| <b>CS</b> | Nitrate       | NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges |

**AUID: 2422\_02 Lower half of bay**

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

- |           |                        |  |
|-----------|------------------------|--|
| <b>NS</b> | Restricted-Consumption | PS - Industrial Point Source Discharge |
| <b>NS</b> | Restricted-Consumption | PS - Industrial Point Source Discharge |

**Nutrient Screening Levels**

- |           |               |   |
|-----------|---------------|---|
| <b>CS</b> | Chlorophyll-a | NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers |
|-----------|---------------|---|

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 2422B Double Bayou West Fork (unclassified water body)**

From the Trinity Bay confluence to Belton Road in Chambers County

**AUID: 2422B\_01 From the Trinity Bay confluence to Belton Road**

**Bacteria Geomean**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rural (Residential Areas)
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**Bacteria Single Sample**

<b>NS</b>	Enterococcus	NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rural (Residential Areas)
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**Dissolved Oxygen 24hr average**

<b>NS</b>	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rural (Residential Areas)
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**Dissolved Oxygen 24hr minimum**

<b>NS</b>	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rural (Residential Areas)
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**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rural (Residential Areas)
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**DSHS Advisories, Closures, and Risk Assessments**

<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
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<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
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**SEGID: 2422D Double Bayou East Fork (unclassified water body)**

From the Trinity Bay confluence to a point 2.6 km (1.6 mi) upstream of SH 65

**AUID: 2422D\_01 From the Trinity Bay confluence to a point 2.6 km (1.6 mi) upstream of SH 65**

**Dissolved Oxygen grab screening level**

<b>CS</b>	Dissolved Oxygen Grab	NPS - Non-Point Source
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**DSHS Advisories, Closures, and Risk Assessments**

<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
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<b>NS</b>	Restricted-Consumption	PS - Industrial Point Source Discharge
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**SEGID: 2422OW Trinity Bay (Oyster Waters)**

**AUID: 2422OW\_01 Upper portion of the bay**

**DSHS Shellfish Harvesting Maps**

<b>NS</b>	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
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**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2423 East Bay**

**AUID: 2423\_01 Area adjacent to the ICWW (Segment 0702)**

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

**NS** Restricted-Consumption UNK - Source Unknown

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**AUID: 2423\_02 Remainder of segment**

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 2423A Oyster Bayou (unclassified water body)**  
From the East Bay confluence to a point 2.2 km (1.4 mi) upstream from SH 65 in Chambers County

**AUID: 2423A\_01 From the East Bay confluence to a point 2.2 km (1.4 mi) upstream from SH 65**

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab UNK - Source Unknown

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**SEGID: 2423OW East Bay (Oyster Waters)**

**AUID: 2423OW\_01 East end of bay adjacent to the ICWW and East Bay Bayou**

**DSHS Shellfish Harvesting Maps**

**NS** DSHS Shellfishing Restrictions NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown



## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2424 West Bay

*AUID: 2424\_01 Main portion of water body*

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

*AUID: 2424\_02 Area adjacent to Lower Galveston Island*

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

**NS** Restricted-Consumption UNK - Source Unknown

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2424A Highland Bayou (unclassified water body)**  
 From Jones Bay confluence to Avenue Q 0.8 km (0.5 mi) north of SH 6 between Arcadia and Alta Loma in Galveston County

**AUID: 2424A\_01 From the Jones Bay confluence upstream to Bayou Lane**

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**AUID: 2424A\_02 From Bayou Lane upstream to Lake Road**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min UNK - Source Unknown

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 2424A\_03 From Lake Road upstream to FM 519**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2424A Highland Bayou (unclassified water body)**  
 From Jones Bay confluence to Avenue Q 0.8 km (0.5 mi) north of SH 6 between Arcadia and Alta Loma in Galveston County

**AUID: 2424A\_04 From FM 519 upstream to FM 2004**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**AUID: 2424A\_05 From FM 2004 to the headwaters just west of FM 1764**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**Dissolved Oxygen 24hr average**

**CN** Dissolved Oxygen 24hr Avg NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen 24hr minimum**

**CN** Dissolved Oxygen 24hr Min NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 2424B      **Lake Madeline (unclassified water body)**  
 Located between Jones Street, Stewart Street and Pine Street, north of the seawall on Galveston Island

**AUID:** 2424B\_01      *Between Jones Street, Stewart Street and Pine Street, north of the seawall on Galveston Island*

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Urban Runoff/Storm Sewers

**SEGID:** 2424C      **Marchand Bayou (unclassified water body)**  
 From Highland Bayou confluence to 0.72 km (0.45 mi) north of IH 45 in Galveston County

**AUID:** 2424C\_01      *From Highland Bayou confluence 0.72 km (0.45 mi) north of IH-45*

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS**      Enterococcus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen 24hr average**

**CN**      Dissolved Oxygen 24hr Avg      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen 24hr minimum**

**CN**      Dissolved Oxygen 24hr Min      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab minimum**

**NS**      Dissolved Oxygen Grab      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2424D      Offatts Bayou (unclassified water body)**  
 Located on the east end of Galveston Island, running parallel with the southern terminus of IH 45, and joins West Bay near Teichman Point

**AUID: 2424D\_01      Upper area bordered by SH 342 and 71st Street**

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**AUID: 2424D\_02      Middle area bordered by 71st Street and Walsh Street**

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**AUID: 2424D\_03      Lower area bordered by Walsh Street and Techmann Point**

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**SEGID: 2424E      English Bayou (unclassified water body)**  
 Between IH 45, Bayou Shore Drive, South Shore Rear and SH 342 on Galveston Island

**AUID: 2424E\_01      Entire segment**

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 2424OW      West Bay (Oyster Waters)**

**AUID: 2424OW\_02      Area adjacent to Lower Galveston Bay and Galveston Island**

**DSHS Shellfish Harvesting Maps**

**NS**      DSHS Shellfishing Restrictions      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2425 Clear Lake**

**AUID: 2425\_01 Entire segment**

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

- |           |                        |  |
|-----------|------------------------|--|
| <b>NS</b> | Restricted-Consumption | UNK - Source Unknown                   |
| <b>NS</b> | Restricted-Consumption | PS - Industrial Point Source Discharge |

**Nutrient Screening Levels**

- |           |                  |   |
|-----------|------------------|---|
| <b>CS</b> | Ammonia          | NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges |
| <b>CS</b> | Total Phosphorus | NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges |
| <b>CS</b> | Chlorophyll-a    | NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges |
| <b>CS</b> | Nitrate          | NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges |
| <b>CS</b> | Orthophosphorus  | NPS - Urban Runoff/Storm Sewers   |

**SEGID: 2425A Taylor Lake (unclassified water body)**  
 From the Clear Lake confluence to the Taylor Bayou confluence near Red Bluff Road in Galveston County

**AUID: 2425A\_01 From the Clear Lake confluence to the Taylor Bayou confluence near Red Bluff Road**

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

- |           |                        |  |
|-----------|------------------------|--|
| <b>NS</b> | Restricted-Consumption | PS - Industrial Point Source Discharge |
| <b>NS</b> | Restricted-Consumption | UNK - Source Unknown                   |

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2425B Jarbo Bayou (unclassified water body)**  
 From Clear Lake confluence with Clear Lake to 1.1 km (0.67 mi) upstream of FM 518 in Galveston County

**AUID: 2425B\_01 From the Clear Lake confluence upstream to Lawrence Road**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**AUID: 2425B\_02 From Lawrence Road to the headwaters 1.1 km (0.67 mi) upstream of FM 518**

**Bacteria Geomean**

**CN** Enterococcus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**SEGID: 2425D Taylor Bayou (unclassified water body)**  
 From the Taylor Lake confluence to a point 4.6 km (2.8 mi) upstream of State Hwy 146

**AUID: 2425D\_01 From the Taylor Lake confluence to a point 4.6 km (2.8 mi) upstream of State Hwy 146**

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

**NS** Restricted-Consumption UNK - Source Unknown

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2426 Tabbs Bay**

**AUID: 2426\_01 Entire segment**

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 2426C Goose Creek Tidal (unclassified water body)**

From the Tabbs Bay confluence upstream to the East Fork of Goose Creek confluence

**AUID: 2426C\_01 From the Tabbs Bay confluence upstream to the East Fork of Goose Creek confluence**

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS** Orthophosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

**CS** Total Phosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2427 San Jacinto Bay**

*AUID: 2427\_01 Entire segment*

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 2428 Black Duck Bay**

*AUID: 2428\_01 Entire segment*

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2429      Scott Bay**

**AUID: 2429\_01      Entire segment**

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Chlorophyll-a      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 2430      Burnett Bay**

**AUID: 2430\_01      Entire segment**

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

**NS**      Restricted-Consumption      UNK - Source Unknown

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Chlorophyll-a      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Ammonia      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2430A      Crystal Bay (unclassified water body)**  
 Crystal Bay, a side bay of Burnett Bay, located between Burnett and Scott (Segment 2429) Bays adjacent to the San Jacinto Monument and Houston Ship Channel (Segment 1005)

**AUID: 2430A\_01      Entire segment**

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Ammonia      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Nitrate      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Total Phosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 2431      Moses Lake**

**AUID: 2431\_01      Entire segment**

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

**Nutrient Screening Levels**

**CS**      Chlorophyll-a      UNK - Source Unknown

**CS**      Total Phosphorus      UNK - Source Unknown

**SEGID: 2431A      Moses Bayou (unclassified water body)**  
 From Moses Lake confluence to 2.2 km (1.4 mi) upstream of SH 3 in Galveston County

**AUID: 2431A\_01      From Moses Lake confluence to 2.2 km (1.4 mi) upstream of SH 3**

**Bacteria Single Sample**

**CN**      Enterococcus      UNK - Source Unknown

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

**NS**      Restricted-Consumption      PS - Industrial Point Source Discharge

**NS**      Restricted-Consumption      UNK - Source Unknown

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID:** 2432 **Chocolate Bay**

**AUID:** 2432\_01 *Entire segment*

DSHS Advisories, Closures, and Risk Assessments

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**SEGID:** 2432B **Willow Bayou (unclassified water body)**  
From the Halls Bayou confluence to a point 9.7 km (6 mi) upstream.

**AUID:** 2432B\_01 *From the Halls Bayou confluence to a point 9.7 km (6 mi) upstream.*

Dissolved Oxygen grab screening level

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**SEGID:** 2432C **Halls Bayou Tidal (unclassified water body)**  
From the Chocolate Bay confluence upstream to a point 31.5 km (19.6 mi) upstream

**AUID:** 2432C\_01 *From the Chocolate Bay confluence upstream to a point 31.5 km (19.6 mi) upstream*

Dissolved Oxygen grab screening level

**CS** Dissolved Oxygen Grab UNK - Source Unknown

DSHS Advisories, Closures, and Risk Assessments

**NS** Restricted-Consumption UNK - Source Unknown

**NS** Restricted-Consumption UNK - Source Unknown

**SEGID:** 2432D **Persimmon Bayou (unclassified water body)**  
From the New Bayou confluence upstream to the Mustang Bayou confluence

**AUID:** 2432D\_01 *From the New Bayou confluence upstream to the confluence with Mustang Bayou*

Dissolved Oxygen grab screening level

**CS** Dissolved Oxygen Grab UNK - Source Unknown

**SEGID:** 2432E **New Bayou (unclassified water body)**  
From the Chocolate Bay confluence upstream 25.4 km (15.8 mi) to an unnamed tributary

**AUID:** 2432E\_01 *From the Chocolate Bay confluence upstream 25.4 km (15.8 mi) to an unnamed tributary*

Dissolved Oxygen grab screening level

**CS** Dissolved Oxygen Grab UNK - Source Unknown

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2432OW Chocolate Bay (Oyster Waters)

AUID: 2432OW\_01 Entire segment

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Non-Point Source

SEGID: 2433OW Bastrop Bay/Oyster Lake (Oyster Waters)

AUID: 2433OW\_02 Oyster Lake

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Non-Point Source

SEGID: 2434OW Christmas Bay (Oyster Waters)

AUID: 2434OW\_01 Area adjacent to West Bay

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions UNK - Source Unknown

SEGID: 2435OW Drum Bay (Oyster Waters)

AUID: 2435OW\_01 Area adjacent to Christmas Bay

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions UNK - Source Unknown

SEGID: 2436 Barbours Cut

AUID: 2436\_01 Entire segment

DSHS Advisories, Closures, and Risk Assessments

NS Restricted-Consumption PS - Industrial Point Source Discharge

NS Restricted-Consumption PS - Industrial Point Source Discharge

Nutrient Screening Levels

CS Ammonia PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

CS Nitrate NPS - Urban Runoff/Storm Sewers

CS Orthophosphorus NPS - Urban Runoff/Storm Sewers

CS Total Phosphorus NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2437 Texas City Ship Channel**

*AUID: 2437\_01 Entire segment*

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS** Ammonia NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS** Total Phosphorus NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 2438 Bayport Channel**

*AUID: 2438\_01 Entire segment*

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

**NS** Restricted-Consumption PS - Industrial Point Source Discharge

**NS** Restricted-Consumption UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2439 Lower Galveston Bay

AUID: 2439\_01 Area adjacent to the Texas City Ship Channel and Moses Lake

DSHS Advisories, Closures, and Risk Assessments

NS Restricted-Consumption PS - Industrial Point Source Discharge

NS Restricted-Consumption UNK - Source Unknown

Nutrient Screening Levels

CS Chlorophyll-a NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 2439\_02 Main portion of the bay

DSHS Advisories, Closures, and Risk Assessments

NS Restricted-Consumption PS - Industrial Point Source Discharge

NS Restricted-Consumption UNK - Source Unknown

Nutrient Screening Levels

CS Chlorophyll-a NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGID: 2439OW Lower Galveston Bay (Oyster Waters)

AUID: 2439OW\_01 Area adjacent to the Texas City Ship Channel and Moses Lake

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Urban Runoff/Storm Sewers

SEGID: 2441OW East Matagorda Bay (Oyster Waters)

AUID: 2441OW\_01 Caney Creek arm and western shoreline area

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions UNK - Source Unknown

SEGID: 2442OW Cedar Lakes (Oyster Waters)

AUID: 2442OW\_01 Entire segment

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Natural Sources; NPS - Non-Point Source

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2451 Matagorda Bay/Powderhorn Lake

AUID: 2451\_01 Northern end of Matagorda Bay

Nutrient Screening Levels

CS Chlorophyll-a NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2451OW Matagorda Bay/Powderhorn Lake (Oyster Waters)

AUID: 2451OW\_01 Northern end of Matagorda Bay

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2452 Tres Palacios Bay/Turtle Bay

AUID: 2452\_03 Tres Palacios Creek Arm

Nutrient Screening Levels

CS Chlorophyll-a NPS - Non-Point Source; UNK - Source Unknown

CS Total Phosphorus NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2452A Tres Palacios Harbor (unclassified water body)

AUID: 2452A\_01 Entire segment

Dissolved Oxygen 24hr minimum

CN Dissolved Oxygen 24hr Min NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

Nutrient Screening Levels

CS Ammonia NPS - Non-Point Source; PS - Point Source Unknown

CS Chlorophyll-a NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 2452OW Tres Palacios Bay/Turtle Bay (Oyster Waters)

AUID: 2452OW\_01 Turtle Bay and Tres Palacios Creek Arm

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Non-Point Source; PS - Point Source Unknown



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2453 Lavaca Bay/Chocolate Bay**

*AUID: 2453\_01 Center portion of bay*

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

*AUID: 2453\_02 North-northeastern portion of the bay near Point Comfort*

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**SEGID: 2453A Garcitas Creek Tidal (unclassified water body)**  
From the Lavaca Bayou confluence to a point 13.7 km (8.5 mi) upstream of FM 616 in Jackson County

*AUID: 2453A\_01 From the Lavaca Bay confluence to a point 13.7 km (8.5 mi) upstream of FM 616*

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2453C Arenosa Creek (unclassified water body)**  
From Garcitas Creek confluence upstream to J-2 Ranch Road

*AUID: 2453C\_01 From Garcitas Creek confluence upstream to J-2 Ranch Road*

**Bacteria Geomean**

**NS** E. coli UNK - Source Unknown

**SEGID: 2453D Lavaca Bay Ship Channel Area (unclassified water body)**

*AUID: 2453D\_01 Entire segment*

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown

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

**NS** Aquatic Life Closure PS - Industrial Point Source Discharge

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2453OW Lavaca Bay/Chocolate Bay (Oyster Waters)

AUID: 2453OW\_02 North-northeastern portion of the bay near Point Comfort

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

AUID: 2453OW\_03 Chocolate Bay area

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 2454 Cox Bay

AUID: 2454\_02 Remainder of Cox Bay

Nutrient Screening Levels

CS Chlorophyll-a UNK - Source Unknown

SEGID: 2454A Cox Lake (unclassified water body)

From the Cox Lake dam located 4.0 km (2.5 mi) southeast of Point Comfort in Calhoun County to the Calhoun/Jackson County line

AUID: 2454A\_01 From the Cox Lake dam located 4.0 km (2.5 mi) southeast of Point Comfort to the Calhoun/Jackson County line

Nutrient Screening Levels

CS Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges

CS Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

CS Total Phosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 2454OW Cox Bay (Oyster Waters)

AUID: 2454OW\_01 North end of bay near Cox Creek

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2455OW Keller Bay (Oyster Waters)

AUID: 2455OW\_01 Upper arm

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions UNK - Source Unknown

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 2456 Carancahua Bay**

**AUID: 2456\_02 Upper half of bay**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Wildlife Other than Waterfowl

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; UNK - Source Unknown

**CS** Nitrate NPS - Non-Point Source; UNK - Source Unknown

**CS** Total Phosphorus NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2456A West Carancahua Creek Tidal (unclassified water body)**  
From the Carancahua Bay confluence to Jackson CR 440, 10.1 km (6.3 mi) upstream of FM 616 in Jackson County

**AUID: 2456A\_01 From the Carancahua Bay confluence to Jackson CR 440, 10.1 km (6.3 mi) upstream of FM 616 in Jackson County**

**Dissolved Oxygen 24hr average**

**NS** Dissolved Oxygen 24hr Avg NPS - Non-Point Source

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source

**Dissolved Oxygen grab minimum**

**NS** Dissolved Oxygen Grab NPS - Non-Point Source

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source

**SEGID: 2456OW Carancahua Bay (Oyster Waters)**

**AUID: 2456OW\_01 Lower portion of bay**

**DSHS Shellfish Harvesting Maps**

**NS** DSHS Shellfishing Restrictions NPS - Non-Point Source; UNK - Source Unknown

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2462 San Antonio Bay/Hynes Bay/Guadalupe Bay

AUID: 2462\_01 Entire segment

Nutrient Screening Levels

CS Chlorophyll-a NPS - Non-Point Source

CS Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 2462OW San Antonio Bay/Hynes Bay/Guadalupe Bay (Oyster Waters)

AUID: 2462OW\_01 Guadalupe Bay

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions UNK - Source Unknown

SEGID: 2471A Little Bay (unclassified water body)

Located between Aransas Bay (Segment 2471) on the east side and Broadway Street in Rockport on the west side and Rockport Beach on the south side in Aransas County

AUID: 2471A\_01 Entire segment

Nutrient Screening Levels

CS Chlorophyll-a UNK - Source Unknown

SEGID: 2471RB Rockport (Recreational Beaches)

AUID: 2471RB\_01 Rockport Beach Park (Beach ID TX748844)

Texas Beach Watch Program Advisories

CN Enterococcus NPS - Urban Runoff/Storm Sewers

SEGID: 2472OW Copano Bay/Port Bay/Mission Bay (Oyster Waters)

AUID: 2472OW\_01 Mission Bay, Aransas River arm, Port Bay, and eastern shoreline

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions NPS - Non-Point Source

2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2473 St. Charles Bay

AUID: 2473\_01 Entire segment

Dissolved Oxygen grab screening level

CS Dissolved Oxygen Grab NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2481CB Corpus Christi Bay (Recreational Beaches)

AUID: 2481CB\_03 Cole Park (Beach ID TX259473)

Texas Beach Watch Program Advisories

NS Enterococcus NPS - Urban Runoff/Storm Sewers

AUID: 2481CB\_04 Ropes Park (Beach ID TX821303)

Texas Beach Watch Program Advisories

NS Enterococcus NPS - Urban Runoff/Storm Sewers

AUID: 2481CB\_05 McGee Beach (Beach ID TX536781)

Texas Beach Watch Program Advisories

CN Enterococcus NPS - Urban Runoff/Storm Sewers

AUID: 2481CB\_06 Poenisch Park (Beach ID TX682648)

Texas Beach Watch Program Advisories

CN Enterococcus NPS - Urban Runoff/Storm Sewers

AUID: 2481CB\_07 Emerald Beach (TX199413)

Texas Beach Watch Program Advisories

CN Enterococcus NPS - Urban Runoff/Storm Sewers

SEGID: 2482NB Nueces Bay (Recreational Beaches)

AUID: 2482NB\_01 Nueces Bay Causeway # 3 (Beach ID TX 139394)

Texas Beach Watch Program Advisories

CN Enterococcus NPS - Urban Runoff/Storm Sewers

SEGID: 2482OW Nueces Bay (Oyster Waters)

AUID: 2482OW\_01 Entire segment

DSHS Shellfish Harvesting Maps

NS DSHS Shellfishing Restrictions UNK - Source Unknown

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2483OW Redfish Bay (Oyster Waters)**

*AUID: 2483OW\_01 Entire segment*

**DSHS Shellfish Harvesting Maps**

**NS** DSHS Shellfishing Restrictions NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 2484 Corpus Christi Inner Harbor**

*AUID: 2484\_01 Entire segment*

**Nutrient Screening Levels**

**CS** Nitrate NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**CS** Ammonia NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

**SEGID: 2485 Oso Bay**

*AUID: 2485\_01 Upper bay (Holly Road to County Hwy 24)*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers

*AUID: 2485\_02 Middle bay (State Park Road 22 to Holly Road)*

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers

**CS** Total Phosphorus NPS - Urban Runoff/Storm Sewers

*AUID: 2485\_03 Lower portion of bay (Ocean Drive to State Park Road 22)*

**Bacteria Single Sample**

**NS** Enterococcus NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Urban Runoff/Storm Sewers

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2485A**      **Oso Creek (unclassified water body)**  
 From the Oso Bay confluence in southern Corpus Christi to a point 4.8 km (3 mi) upstream of SH 44, west of Corpus Christi in Nueces County

**AUID: 2485A\_01**      *From the Oso Bay confluence in southern Corpus Christi to a point 4.8 km (3 mi) upstream of SH 44, west of Corpus Christi*

**Bacteria Geomean**

**NS**      Enterococcus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS**      Enterococcus      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**Dissolved Oxygen grab screening level**

**CS**      Dissolved Oxygen Grab      NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS**      Nitrate      NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**CS**      Orthophosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Chlorophyll-a      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**CS**      Total Phosphorus      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

**SEGID: 2485B**      **Unnamed trib of Oso Creek (unclassified water body)**  
 From the Oso Creek confluence upstream to a point 5.2 km (3.2 mi) west of State Hwy 286 in Nueces County

**AUID: 2485B\_01**      *From the Oso Creek confluence upstream to a point 5.2 km (3.2 mi) west of State Hwy 286*

**Nutrient Screening Levels**

**CS**      Orthophosphorus      NPS - Urban Runoff/Storm Sewers

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers

**SEGID: 2485D**      **West Oso Creek (unclassified water body)**  
 From the Oso Creek confluence upstream to a point 0.49 km (0.3 mi) west of FM 1694 in Nueces County

**AUID: 2485D\_01**      *From the Oso Creek confluence upstream to a point 0.49 km (0.3 mi) west of FM 1694*

**Nutrient Screening Levels**

**CS**      Total Phosphorus      NPS - Urban Runoff/Storm Sewers

**SEGID: 2485OW**      **Oso Bay (Oyster Waters)**

**AUID: 2485OW\_01**      *Entire bay*

**DSHS Shellfish Harvesting Maps**

**NS**      DSHS Shellfishing Restrictions      NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2491 Laguna Madre**

*AUID: 2491\_01 Upper portion of bay north of the Arroyo Colorado confluence*

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

*AUID: 2491\_02 Area adjacent to the Arroyo Colorado confluence*

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - Upstream Source

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - Upstream Source

**Dissolved Oxygen 24hr minimum**

**NS** Dissolved Oxygen 24hr Min NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; NPS - Upstream Source

**CS** Chlorophyll-a NPS - Non-Point Source; NPS - Upstream Source

**SEGID: 2491OW Laguna Madre (Oyster Waters)**

*AUID: 2491OW\_02 Area adjacent to the Arroyo Colorado confluence*

**DSHS Shellfish Harvesting Maps**

**NS** DSHS Shellfishing Restrictions NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

**SEGID: 2492 Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada**

*AUID: 2492\_01 Entire segment*

**Nutrient Screening Levels**

**CS** Chlorophyll-a NPS - Non-Point Source



**2010 Texas Integrated Report - Potential Sources of Impairments and Concerns**

**SEGID: 2492A San Fernando Creek (unclassified water body)**  
 From the Gayo Del Grullo confluence in Kleberg County to the Lake Alice Dam in Jim Wells County

**AUID: 2492A\_01 From the Cayo Del Grullo confluence to the Lake Alice Dam**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**Bacteria Single Sample**

**NS** Enterococcus NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges

**Nutrient Screening Levels**

**CS** Nitrate NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Orthophosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

**CS** Total Phosphorus NPS - Non-Point Source; PS - Municipal Point Source Discharges

**SEGID: 2494 Brownsville Ship Channel**

**AUID: 2494\_01 From the Laguna Madre confluence upstream to the Port of Brownsville**

**Bacteria Geomean**

**NS** Enterococcus UNK - Source Unknown

**Bacteria Single Sample**

**NS** Enterococcus UNK - Source Unknown

**Dissolved Oxygen grab screening level**

**CS** Dissolved Oxygen Grab NPS - Non-Point Source; UNK - Source Unknown

**SEGID: 2494A Port Isabel Fishing Harbor (unclassified water body)**  
 From the Laguna Madre confluence to 0.4 km (0.25 mi) south of SH 100 in Port Isabel in Cameron County

**AUID: 2494A\_01 From the Laguna Madre confluence to 0.4 km (0.25 mi) south of SH 100 in Port Isabel**

**Bacteria Geomean**

**NS** Enterococcus NPS - Non-Point Source

## 2010 Texas Integrated Report - Potential Sources of Impairments and Concerns

**SEGID: 2501 Gulf of Mexico**  
 From the Gulf shoreline to the limit of Texas' jurisdiction between Sabine Pass and the Rio Grande

**AUID: 2501\_01 Sabine Pass to Sea Rim Park area**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 2501\_02 Jefferson-Chambers County line area**

**Bacteria Geomean**

**NS** Enterococcus UNK - Source Unknown

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**Nutrient Screening Levels**

**CS** Chlorophyll-a UNK - Source Unknown

**AUID: 2501\_03 Bolivar Point to San Luis Pass area**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 2501\_04 Freeport Area**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 2501\_05 Area between Freeport and Port Aransas**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 2501\_06 Port Aransas Area**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 2501\_07 Area between Port Aransas and Port Mansfield**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 2501\_08 Port Mansfield area**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown

**AUID: 2501\_09 Area between Port Mansfield and Port Isabel**

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

**NS** Restricted-Consumption NPS - Atmospheric Depositon - Toxics; UNK - Source Unknown