

General Information

This report includes information on possible sources which could contribute to impairments or concerns. Information is derived from multiple sources including SWQM data, field observations, land use, CRP assessments, or nonpoint source assessment reports. Sources included in this report are considered preliminary until which time a comprehensive effort (TMDL or WPP) can be conducted.

Explanation of Column Headings

SegID and Name:	The unique identifier (SegID), segment name, and location of the water body. Items may be one of three types of numbers for SegID. The first type is a classified segment number (4 digits, e.g. 0218), as defined in the Texas Surface Water Quality Standards (TSWQS). The second type is an unclassified water body (e.g. 0218A), not defined in the Standards and associated with a classified water body because it is in the same watershed. The third type includes special Segments for Oyster Water Use (e.g. 2421OW) and Beach Watch Use (e.g. 2481CB) special areas. The segment name and description follow SegID.
AUID:	Identifies the assessment unit (AU_ID, six or seven digits, e.g., 0101A_01) and describes a specific area within a classified or unclassified water body. The AU descriptions immediately follow the AU_ID. This report includes all AUs identified for each Segment, including those without assessments.
Assessment Method:	Describes the specific procedure used to evaluate the parameter for use attainment.
Parameter:	Pollutants or water quality conditions that assessment procedures indicated did not meet assigned water quality standards or were a cause for concern.
LOS:	Level of support for this assessment method and parameter: NS = Nonsupport CS = Screening Level Concern CN = Use Concern
Sources:	The sources of impairment and concerns reflect “possible” source information. Possible sources include activities, facilities, or conditions occurring in the watershed that might keep the water from meeting the criteria to prevent the attainment of designated uses. These lists of possible sources are not exhaustive, and do not constitute defined targets for water quality management actions: PS - Point Source NPS - Nonpoint Source UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	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; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Dam or Impoundment; NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Petroleum/Natural Gas Activities; NPS - Petroleum/Natural Gas Production Activities (Permitted); NPS - UIC Wells (Underground Injection Control Wells)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Petroleum/Natural Gas Activities; NPS - Petroleum/Natural Gas Production Activities (Permitted); NPS - UIC Wells (Underground Injection Control Wells)

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SEGID: 0101A Dixon Creek

Dixon Creek - intermittent stream with perennial pools from the confluence with the Canadian River in Hutchinson County upstream to the confluence with Middle and East Dixon creeks in Carson County

AUID: 0101A_01 *Dixon Creek an Appendix D Intermittent stream with perennial pools from the confluence with the Canadian River upstream to the confluence with the permitted outfall receiving waters tributary*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Selenium	NPS - Petroleum/Natural Gas Production Activities (Permitted); PS - Industrial Point Source Discharge

AUID: 0101A_02 *Dixon Creek an Appendix D Intermittent stream with perennial pools from the confluence with the permitted outfall receiving waters tributary upstream to the confluence with Middle and East Dixon creeks*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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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SEGID: 0101B

Rock Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Petroleum/Natural Gas Activities; NPS - UIC Wells (Underground Injection Control Wells)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0102

Lake Meredith

Lake Meredith - from Sanford Dam in Hutchinson County to a point immediately upstream of the confluence of Camp Creek in Potter County, up to the normal pool elevation of 2936.5 feet (impounds Canadian River)

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; NPS - Natural Sources; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; NPS - Natural Sources; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

SEGID: 0103A

East Amarillo Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; UNK - Source Unknown

AUID: 0103A_02 *From the Thompson Park Lake spillway upstream to the headwaters of the lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area); NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers

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SEGID: 0103C Unnamed Tributary of West Amarillo Creek

Unnamed tributary of West Amarillo Creek - from the confluence of West Amarillo Creek upstream to the confluence of two unnamed streams near Amarillo Blvd

AUID: 0103C_01 Unnamed tributary from the confluence of West Amarillo Creek upstream to the confluence of two unnamed streams near Amarillo Blvd

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

SEGID: 0104 Wolf Creek

From the Oklahoma State Line in Lipscomb County to a point 2.0 km (1.2 mi) upstream of FM 3045 in Ochiltree County

AUID: 0104_01 From the Oklahoma State Line upstream to the confluence with Plum Creek

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Water Temperature	NS	Water temperature	PS - Drought-Related Impacts

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Upstream Source; UNK - Source Unknown

SEGID: 0105 Rita Blanca Lake

Rita Blanca Lake - from Rita Blanca Dam in Hartley County up to the normal pool elevation of 3860 feet (impounds Rita Blanca Creek)

AUID: 0105_01 Rita Blanca Lake from Rita Blanca Dam up to the normal pool elevation of 3860 feet

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Shallow Lake/Reservoir; NPS - Waterfowl

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Shallow Lake/Reservoir; NPS - Waterfowl

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Natural Sources; NPS - Waterfowl

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SEGID: 0199B **Kiowa Creek**

Kiowa Creek - from the Oklahoma State Line upstream to the headwater 500m upstream of Ochiltree CR 23 east of Perryton

AUID: 0199B_01 *Kiowa Creek from the Oklahoma State Line upstream to the headwater 500m upstream of Ochiltree CR 23 east of Perryton*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Sewage Discharges In Unsewered Areas; NPS - Upstream Source; UNK - Source Unknown

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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source

SEGID: 0201A **Mud Creek**

Mud Creek - from the confluence of the Red River upstream to the headwater near the intersection of US 82 and Bowie CR 3403

AUID: 0201A_01 *Mud Creek from the confluence of the Red River upstream to the headwater near the intersection of US 82 and Bowie CR 3403*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Crop Production (Irrigated); NPS - Natural Sources; NPS - Wildlife Other Than Waterfowl

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl; PS - Drought-Related Impacts; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Natural Sources; NPS - Wildlife Other Than Waterfowl

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl; PS - Drought-Related Impacts; UNK - Source Unknown

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SEGID: 0201D

Barkman Creek

Barkman Creek - from the confluence of the Red River upstream to the headwater 1.3 km north of IH 30 east of Hooks

AUID: 0201D_01 *Barkman Creek from the confluence of the Red River upstream to the confluence of Jones Creek 5.0 km northeast of Texarkana*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - Grazing In Riparian or Shoreline Zones;
NPS - Non-Point Source; NPS - Unrestricted
Cattle Access; NPS - Wildlife Other Than
Waterfowl; UNK - Source Unknown

Assessment Method

Dissolved Oxygen grab
screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Grazing In Riparian or Shoreline Zones;
NPS - Non-Point Source; NPS - Unrestricted
Cattle Access; NPS - Wildlife Other Than
Waterfowl; PS - Drought-Related Impacts; UNK -
Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Upstream Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Upstream Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Upstream Source

AUID: 0202_05 *From the confluence with Choctaw Creek upstream to Denison Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Dam or Impoundment; NPS - Impacts From Hydrostructure Flow Regulation/Modification; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0202A Bois D' Arc Creek

Bois D' Arc Creek - from the confluence of the Red River upstream to the headwater northwest of Whitewright

AUID: 0202A_01 *Bois D' Arc Creek from the confluence of the Red River upstream to the confluence of Sandy Creek north of Dodd City*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Unrestricted Cattle Access; NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

AUID: 0202A_02 *Bois D' Arc Creek Appendix D section of Perennial stream from the confluence of Sandy Creek upstream to the confluence of Pace Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Unrestricted Cattle Access; NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source; NPS - Residential Districts; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0202A Bois D' Arc Creek

Bois D' Arc Creek - from the confluence of the Red River upstream to the headwater northwest of Whitewright

AUID: 0202A_03 Bois D' Arc Creek from the confluence of Pace Creek upstream to the headwater northwest of Whitewright

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Unrestricted Cattle Access; NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source; NPS - Residential Districts; NPS - Rural (Residential Areas); NPS - Unrestricted Cattle Access; NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Unrestricted Cattle Access; NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

SEGID: 0202C Pecan Bayou

Pecan Bayou - from the confluence of the Red River upstream to the headwater south of Red River CR 2242-S

AUID: 0202C_01 Pecan Bayou from the confluence of the Red River upstream to the headwater south of Red River CR 2242-S

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0202D

Pine Creek

Pine Creek - perennial and intermittent stream from the confluence of the Red River upstream to the dam forming Lake Crook

AUID: 0202D_01 *Pine Creek an Appendix D Perennial and intermittent stream from the confluence of the Red River upstream to the dam forming Lake Crook*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 0202E

Post Oak Creek

Post Oak Creek - from the confluence of Choctaw Creek upstream to the headwater east of Shadow St northwest of Sherman

AUID: 0202E_01 *Post Oak Creek from the confluence of Choctaw Creek upstream to the confluence of Sand Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Wastes From Pets; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

AUID: 0202E_02 *Post Oak Creek from the confluence of Sand Creek upstream to the headwater east of Shadow St northwest of Sherman*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0202F

Choctaw Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Rangeland Grazing; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Municipal (Urbanized High Density Area); NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); 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

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 0202G

Smith Creek

Smith Creek - from the confluence of Pine Creek upstream to the confluence of two unnamed streams south of Loop 286 in Paris

AUID: 0202G_01 *Smith Creek from the confluence of Pine Creek upstream to the confluence of two unnamed streams south of Loop 286 in Paris*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - ; NPS - ; NPS - Impacts From Land Application Of Wastes
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - ; NPS - ; NPS - Impacts From Land Application Of Wastes

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0202I **Little Pine Creek**

Little Pine Creek - from the confluence of Big Pine Creek upstream to the headwater north of Detroit, TX

AUID: 0202I_01 *Little Pine Creek from the confluence of Big Pine Creek upstream to the headwater north of Detroit, TX*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Upstream Source

SEGID: 0202J **Sand Creek**

Sand Creek - from the confluence of Post Oak Creek upstream to the headwater north of US82 northwest of Sherman

AUID: 0202J_01 *Sand Creek from the confluence of Post Oak Creek upstream to the headwater north of US82 northwest of Sherman*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Drought-Related Impacts; UNK - Source Unknown

SEGID: 0202L **Honey Grove Creek**

Honey Grove Creek - from the confluence of Bois d'Arc Creek upstream to the headwater east of Honey Grove

AUID: 0202L_01 *Honey Grove Creek from the confluence of Bois d'Arc Creek upstream to the headwater east of Honey Grove*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
Bacteria Geomean	NS	E. coli	NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0202N

Hicks Creek

Hicks Creek - from the confluence of Pine Creek upstream to the headwater 520 m south of Gate 2 Rd on Camp Maxey

AUID: 0202N_01 *Hicks Creek from the confluence of Pine Creek upstream to the confluence of an unnamed tributary 135 m downstream of US 271 north of Paris*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - NPS Pollution From Military Base Facilities (Other Than Port Facilities); NPS - Upstream Source; PS - Package Plant or Other Permitted Small Flows Discharges; UNK - Source Unknown
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - NPS Pollution From Military Base Facilities (Other Than Port Facilities); NPS - Upstream Source; PS - Package Plant or Other Permitted Small Flows Discharges; UNK - Source Unknown
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - NPS Pollution From Military Base Facilities (Other Than Port Facilities); NPS - Upstream Source; PS - Package Plant or Other Permitted Small Flows Discharges; UNK - Source Unknown

AUID: 0202N_02 *Hicks Creek from the confluence of an unnamed tributary 135 m downstream of US 271 north of Paris upstream to the headwater 520 m south of Gate 2 Rd on Camp Maxey*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0202P

Six Mile Creek

Six Mile Creek - from the confluence of Pine Creek northwest of Paris upstream to the headwaters near Mansfield Rd east of Paris

AUID: 0202P_01 *Six mi Creek - from the confluence of Pine Creek northwest of Paris upstream to the headwaters near Mansfield Rd east of Paris*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen grab screening level	<u>LOS</u> CS	<u>Parameter</u> Dissolved Oxygen Grab	<u>Sources</u> NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGID: 0202Q

Pickens Lake

Pickens Lake - in Herman Baker Park in Sherman, TX

AUID: 0202Q_01 *Pickens Lake - in Herman Baker Park in Sherman, TX*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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SEGID: 0203A **Big Mineral Creek**

Big Mineral Creek -intermittent stream with perennial pools from the normal pool elevation of Lake Texoma upstream to the confluence of unnamed tributaries on the North and South Branch, 2.4 km and 1.1 km upstream of US 377, respectively

AUID: 0203A_01 *Big Mineral Creek an Appendix D Intermittent stream with perennial pools from the normal pool elevation of Lake Texoma upstream to the confluence of unnamed tributaries on the North and South Branch, 2.4 km and 1.1 km upstream of US 377, respectively*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; UNK - Source Unknown

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

AUID: 0204_02 *From the confluence with Fish Creek upstream to the confluence with Farmers Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; UNK - Source Unknown

AUID: 0204_03 *From the confluence with Farmers Creek upstream to the confluence with the Little Wichita River*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

AUID: 0205_02 *From IH 44 in Burkburnett upstream to the confluence with the Pease River*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated)

SEGID: 0205A Wildhorse Creek

Wildhorse Creek - from the confluence of Red River east of Burkburnett upstream to the headwater 1.9 km south of SH 240 and 11 km west of Burkburnett in Wichita County

AUID: 0205A_01 *Wildhorse Creek from the confluence of Red River east of Burkburnett upstream to the headwater 1.9 km south of SH 240 and 11 km west of Burkburnett in Wichita County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Wildlife Other Than Waterfowl; PS - Municipal Point Source Discharges; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0206 Red River Above Pease River

From the confluence of the Pease River in Wilbarger County to a point immediately upstream of the confluence of Buck Creek in Hardeman County

AUID: 0206_02 *From the confluence with the Groesbeck Creek upstream to the confluence with Buck Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

SEGID: 0206A Groesbeck Creek

Groesbeck Creek - from the confluence of the Red River upstream to the confluence of the North and South branches north of Quanah

AUID: 0206A_01 *Groesbeck Creek from the confluence of the Red River upstream to the confluence of the North and South branches north of Quanah*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 0206B South Groesbeck Creek

South Groesbeck Creek - from the confluence of Groesbeck Creek and North Groesbeck Creek upstream to the headwater 12.6 km southwest of Childress

AUID: 0206B_01 *South Groesbeck Creek from the confluence of Groesbeck Creek and North Groesbeck Creek upstream to the headwater 12.6 km southwest of Childress*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Grazing In Riparian or Shoreline Zones; NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0206C North Groesbeck Creek

North Groesbeck Creek - from the confluence of Groesbeck Creek north of Quanah upstream to the headwater east of Childress

AUID: 0206C_01 *North Groesbeck Creek from the confluence of Groesbeck Creek north of Quanah upstream to the headwater east of Childress*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Upstream Source; UNK - Source Unknown

SEGID: 0207 Lower Prairie Dog Town Fork Red River

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

AUID: 0207_01 *Lower Prairie Dog Town Fork Red River from a point immediately upstream of the confluence of Buck Creek upstream to the confluence of Grassy Creek north of Childress*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source; UNK - Source Unknown

AUID: 0207_04 *Lower Prairie Dog Town Fork Red River from the confluence of Battle Creek upstream to the confluence of Salt Fork Creek upstream of SH 207 south of Claude*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Grazing In Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Grazing In Riparian or Shoreline Zones

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SEGID: 0207A

Buck Creek

Buck Creek - from Oklahoma State Line upstream to the headwater south of Hedley

AUID: 0207A_01 *Buck Creek from Oklahoma State Line upstream to the confluence of House Log Creek*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Grazing In Riparian or Shoreline Zones;
NPS - Rangeland Grazing; NPS - Unrestricted
Cattle Access; NPS - Wildlife Other Than
Waterfowl

SEGID: 0209

Pat Mayse Lake

Pat Mayse Lake - from Pat Mayse Dam in Lamar County up to the normal pool elevation of 451 feet
(impounds Sanders Creek)

AUID: 0209_01 *Pat Mayse Lake lower half from the dam upstream to the easternmost point of Pat Mayse West campground*

Assessment Method

Toxic Substances in sediment

LOS

CS

Parameter

Manganese

Sources

NPS - Natural Sources; NPS - NPS Pollution From
Military Base Facilities (Other Than Port
Facilities)

AUID: 0209_02 *Pat Mayse Lake upper half from the easternmost point of Pat Mayse West campground up to normal pool elevation of 451 feet*

Assessment Method

Toxic Substances in sediment

LOS

CS

Parameter

Manganese

Sources

NPS - Natural Sources; NPS - NPS Pollution From
Military Base Facilities (Other Than Port
Facilities)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Surface Water Diversions
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
Bacteria Geomean	CN	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGID: 0211A

East Fork Little Wichita River

East Fork Little Wichita River - from the confluence of Little Wichita River upstream to the headwater 2.7 km west of the intersection of SH 148 and FM 174 and east of Windthorst

AUID: 0211A_01 *East Fork Little Wichita River from the confluence of Little Wichita River upstream to the headwater 2.7 km west of the intersection of SH 148 and FM 174 and east of Windthorst*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0212A Little Wichita River above Lake Arrowhead

Little Wichita River - from the headwater of Lake Arrowhead at normal pool elevation of 926 feet upstream to the confluence of the North and South Forks of Little Wichita River north of Archer City

AUID: 0212A_01 *Little Wichita River from the headwater of Lake Arrowhead at normal pool elevation of 926 feet upstream to the confluence of the North and South Forks of Little Wichita River north of Archer City*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	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; UNK - Source Unknown

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

2018 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_03 *From the River Road WWTP upstream to the confluence with Buffalo Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

AUID: 0214_04 *From the confluence with Buffalo Creek upstream to the confluence with Beaver Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Aquaculture (Permitted); NPS - Grazing In Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0214A Beaver Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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

AUID: 0214A_02 *From the confluence with Bull Creek upstream to the Santa Rosa Lake dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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

SEGID: 0214B Buffalo Creek

Buffalo Creek - from the confluence of the Wichita River upstream to the headwater east of Electra

AUID: 0214B_01 *Buffalo Creek from the confluence of the Wichita River upstream to the headwater east of Electra*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Rural (Residential Areas)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0214C Holliday Creek

Holliday Creek - from the confluence of the Wichita River in Wichita Falls upstream to the Lake Wichita dam

AUID: 0214C_01 Holliday Creek from the confluence of the Wichita River in Wichita Falls upstream to the Lake Wichita dam

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; UNK - Source Unknown

SEGID: 0214E Wichita Valley Irrigation Project

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

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source; NPS - Upstream Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0214F

Unnamed tributary of Buffalo Creek

Unnamed tributary of Buffalo Creek - from the confluence of Buffalo Creek upstream to the headwater at eastbound frontage road of US 287 in Iowa Park

AUID: 0214F_01 *Unnamed tributary from the confluence of Buffalo Creek upstream to the headwater at eastbound frontage road of US 287 in Iowa Park*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Crop Production (Crop Land or Dry Land); NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Wastes From Pets; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; PS - Drought-Related Impacts; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Crop Land or Dry Land); NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Crop Land or Dry Land); NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; UNK - Source Unknown

SEGID: 0216

Wichita River Below Lake Kemp Dam

Wichita River Below Lake Kemp - from a point 1.5 km(0.9 mi) downstream of the confluence of Cottonwood Creek in Baylor County to Lake Kemp Dam in Baylor County

AUID: 0216_01 *Wichita River from a point 1.5 km downstream of the confluence of Cottonwood Creek upstream to the Lake Kemp Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0218 Wichita/North Fork Wichita River Wichita/North Fork Wichita River - from a point 9.4 km (5.8 mi) downstream of the confluence of Crooked Creek in Baylor County to a point 8.5 km (5.3 mi) downstream of the most upstream crossing of FM 193 in Dickens County			
AUID: 0218_01 Wichita River from a point 9.4 km downstream of the confluence of Crooked Creek upstream to the confluence of the South Fork Wichita River			
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> CN	<u>Parameter</u> Enterococcus	<u>Sources</u> NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source; UNK - Source Unknown
AUID: 0218_02 North Fork Wichita River from the confluence of the South Fork Wichita River upstream to the confluence of the Middle Fork Wichita River			
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> CN	<u>Parameter</u> Enterococcus	<u>Sources</u> NPS - Non-Point Source; UNK - Source Unknown
AUID: 0218_03 North Fork Wichita River from the confluence of the Middle Fork Wichita River upstream to the confluence of Salt Creek			
<u>Assessment Method</u> Chronic Toxic Substances in water	<u>LOS</u> CN	<u>Parameter</u> Selenium	<u>Sources</u> NPS - Natural Sources; NPS - Upstream Source
AUID: 0218_04 North Fork Wichita River from the confluence of Salt Creek upstream to a point 8.5 km downstream of the uppermost crossing of FM 193			
<u>Assessment Method</u> Chronic Toxic Substances in water	<u>LOS</u> CN	<u>Parameter</u> Selenium	<u>Sources</u> NPS - Natural Sources; NPS - Upstream Source
SEGID: 0218A Middle Fork Wichita River Middle Fork Wichita River - from the confluence of the North Wichita River upstream to the headwater 15 km north of Guthrie in King County			
AUID: 0218A_01 Middle Fork Wichita River from the confluence of the North Wichita River upstream to the headwater 15 km north of Guthrie in King County			
<u>Assessment Method</u> Chronic Toxic Substances in water	<u>LOS</u> CN	<u>Parameter</u> Selenium	<u>Sources</u> NPS - Natural Sources; NPS - Upstream Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0219

Lake Wichita

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 *Lake Wichita from the dam up to the normal pool elevation of 980.5 feet*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts

SEGID: 0220

Upper Pease/North Fork Pease River

Upper Pease/North Fork Pease River - from the confluence with Canal Creek at the Hardeman-Foard county line to 6.0 km (3.7 mi) upstream of the confluence of Dick Moore Canyon in Floyd County

AUID: 0220_01 *Pease River from the confluence of Canal Creek upstream to the confluence of the Middle Fork Pease River*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Upstream Source; UNK - Source Unknown

SEGID: 0222

Salt Fork Red River

Salt Fork Red River - from the Oklahoma State Line in Collingsworth County to Greenbelt Dam in Donley County

AUID: 0222_01 *Salt Fork Red River from the Oklahoma State Line upstream to the confluence of Lake Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 0222A

Lelia Lake Creek

Lelia Lake Creek - from the confluence of the Salt Fork Red River upstream to the confluence of East Lelia Lake Creek and West Lelia Lake Creek

AUID: 0222A_01 *Lelia Lake Creek from the confluence of the Salt Fork Red River upstream to the confluence of East Lelia Lake Creek and West Lelia Lake Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Drought-Related Impacts; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0226

South Fork Wichita River

South Fork Wichita River - from the confluence with the North Fork Wichita River in Knox County to a point 15.0 km (9.3 mi) upstream of US 82 in Dickens County

AUID: 0226_02 *South Fork Wichita River from SH 6 upstream to the confluence of Willow Creek*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Ammonia

Sources

NPS - Agriculture; NPS - Non-Point Source; NPS - Petroleum/Natural Gas Activities; NPS - Upstream Source

AUID: 0226_03 *South Fork Wichita River from confluence of Willow Creek upstream to the confluence of Long Canyon Creek*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Ammonia

Sources

NPS - Agriculture; NPS - Non-Point Source; NPS - Petroleum/Natural Gas Activities; NPS - Upstream Source

SEGID: 0228

Mackenzie Reservoir

Mackenzie Reservoir - from Mackenzie Dam in Briscoe County up to the normal pool elevation of 3100 feet (impounds Tule Creek)

AUID: 0228_01 *Mackenzie Reservoir from the dam up to the normal pool elevation of 3100 feet*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Sulfate

Sources

PS - Drought-Related Impacts

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Total Dissolved Solids

Sources

PS - Drought-Related Impacts

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0229

Upper Prairie Dog Town Fork Red River

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 *Upper Prairie Dog Town Fork Red River from a point 100 m (110 yds) upstream of the confluence of Salt Creek upstream to the Palo Duro Canyon State Park northern boundary*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Impacts From Resort Areas; 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; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Impacts From Resort Areas; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Impacts From Resort Areas; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Upstream Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0229

Upper Prairie Dog Town Fork Red River

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_02 *Upper Prairie Dog Town Fork Red River from the Palo Duro Canyon State Park northern boundary upstream to Tanglewood Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Dam or Impoundment; NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Non-Point Source; NPS - Upstream Source; PS - Drought-Related Impacts; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Upstream Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Impacts From Resort Areas; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Impacts From Resort Areas; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Dam or Impoundment; NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Non-Point Source; NPS - Upstream Source; PS - Drought-Related Impacts; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	CN	High pH	NPS - Dam or Impoundment; NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0230

Pease River

Pease River - from the confluence with the Red River in Wilbarger County upstream to the confluence with Canal Creek at the Hardeman-Foard county line

AUID: 0230_02 *Pease River from the confluence of Paradise Creek upstream to the confluence of Canal Creek*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

Enterococcus

Sources

NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

SEGID: 0230A

Paradise Creek

Paradise Creek - from the confluence of the Pease River east of Vernon upstream to the headwater 500m west of the intersection of US 70 and Foard CR 233

AUID: 0230A_01 *Paradise Creek from the confluence of the Pease River east of Vernon upstream to a point 400m upstream of the intersection of FM 433 and Wilbarger CR 97*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Agriculture; NPS - Auction Barns; NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Grazing In Riparian or Shoreline Zones; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

SEGID: 0299A

Sweetwater Creek

Sweetwater Creek - from the Oklahoma State Line upstream to the headwaters SW of the intersection of Gray CR 1268 and CR 748

AUID: 0299A_01 *Sweetwater Creek from the Oklahoma State Line upstream to the confluence of Graham Creek south of Mobeetie*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source; NPS - Unrestricted Cattle Access; NPS - Upstream Source; UNK - Source Unknown

2018 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 mi upstream to the unnamed creek at NHD RC 11140302004559*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Low Head Dams; NPS - Non-Point Source

AUID: 0301_02 *From the unnamed creek at NHD RC 11140302004559 approximately 10 mi to Wright Patman Lake Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Low Head Dams; NPS - Non-Point Source

SEGID: 0301A **Akin Creek**
 From the confluence with the Sulphur River in Bowie County below Lake Wright Patman to 1 km (.6 mi) south of US HWY 82

AUID: 0301A_01 *From the confluence with the Sulphur River in Bowie County below Lake Wright Patman to 1 km (.6 mi) south of US HWY 82*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	NPS - Grazing In Riparian or Shoreline Zones; NPS - Rural (Residential Areas)

2018 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 km (0.9 mi) downstream of Bassett Creek in Bowie/Cass County, up to the normal pool elevation of 226.4 feet (impounds the Sulphur River)

AUID: 0302_11 *2700 acres near dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source

AUID: 0302_12 *2000 acres in northern arms of reservoir*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source

AUID: 0302_13 *5600 acres in mid-reservoir*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Internal Nutrient Recycling; NPS - Non-Point Source

AUID: 0302_14 *9000 acres in upper portion of reservoir*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Internal Nutrient Recycling; NPS - Non-Point Source

SEGID: 0302A

Big Creek

Intermittent stream with perennial pools from Wright Patman Lake upstream to I 30

AUID: 0302A_02 *Intermittent stream with perennial pools from FM 2149 upstream to 1.3 km south of US 82 southeast of the City of New Boston; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0302C Anderson Creek

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

AUID: 0302C_01 *From Wright Patman Lake upstream to confluence with unnamed tributary approximately 4.2 km downstream of SH 992*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Grazing In Riparian or Shoreline Zones; NPS - Loss Of Riparian Habitat; NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Rural (Residential Areas); NPS - Silviculture Activities; NPS - Unrestricted Cattle Access; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Grazing In Riparian or Shoreline Zones; NPS - Loss Of Riparian Habitat; NPS - Manure Runoff; NPS - Rangeland Grazing; NPS - Rural (Residential Areas); NPS - Silviculture Activities; NPS - Unrestricted Cattle Access; PS - Municipal Point Source Discharges

SEGID: 0302E Rice Creek

From the confluence with Anderson Creek in Bowie County upstream to the dam of TP Lake west of New Boston

AUID: 0302E_01 *From the confluence with Anderson Creek in Bowie County upstream to the dam of TP Lake west of New Boston*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Agriculture

SEGID: 0303 Sulphur/South Sulphur River

From a point 1.5 km (0.9 mi) downstream of Bassett Creek in Bowie/Cass County to Jim L. Chapman Dam (formerly 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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SEGID: 0303B White Oak Creek

From the confluence of the Sulphur River north of Naples in Morris County to Lake Sulphur Springs in Hopkins County

AUID: 0303B_01 *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; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Unrestricted Cattle Access; UNK - Source Unknown

AUID: 0303B_03 *Portion of White Oak Creek from the confluence with the Ripley Creek to approximately 0.26 km upstream of FM 900 in northeast Hopkins County; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Dairies; NPS - Unrestricted Cattle Access

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; PS - Municipal Point Source Discharges; UNK - Source Unknown

AUID: 0303B_04 *Portion of White Oak Creek from approximately 0.26 km upstream of FM 900 in northeast Hopkins County upstream to Lake Sulphur Springs.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Sources; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Unrestricted Cattle Access; UNK - Source Unknown

SEGID: 0303D Rock Creek

From the confluence with White Oak Creek to the southwest corner of Sulphur Springs approximately 2 mi southeast of the intersection of I-30 and State Hwy 19

AUID: 0303D_01 *From the confluence with White Oak Creek to the southwest corner of Sulphur Springs approximately 2 mi southeast of the intersection of I-30 and State Hwy 19*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Agriculture; NPS - Wildlife Other Than Waterfowl

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

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SEGID: 0303E **East Caney Creek**
 From the confluence with White Oak Creek to just east of Como in southeastern Hopkins County

AUID: 0303E_01 *From the confluence with White Oak Creek to just east of Como in southeastern Hopkins County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Livestock (Grazing or Feeding Operations)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Livestock (Grazing or Feeding Operations)

SEGID: 0303F **Stouts Creek**
 From the confluence with White Oak Creek to approximately 7 mi due east of Como in Hopkins County

AUID: 0303F_01 *From the confluence with White Oak Creek to approximately 7 mi due east of Como in Hopkins County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Livestock (Grazing or Feeding Operations)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Livestock (Grazing or Feeding Operations)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Livestock (Grazing or Feeding Operations)

SEGID: 0303L **Kickapoo Creek**
 From the confluence with Cuthand Creek in Titus County to 1.6 km (1 mi) south of FM 114

AUID: 0303L_01 *From the confluence with Cuthand Creek in Titus County to 1.6 km (1 mi) south of FM 114*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	PS - Municipal Point Source Impacts From Inadequate Industrial/Commercial Pretreatment

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SEGID: 0303M Smackover Creek

From the confluence of White Oak Creek upstream to the headwaters at an impoundment 1.8 km upstream of FM1001 in Titus County

AUID: 0303M_01 *From the confluence of White Oak Creek upstream to the headwaters at an impoundment 1.8 km upstream of FM1001 in Titus County*

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

NPS - Livestock (Grazing or Feeding Operations)

SEGID: 0303N Horse Creek

From the confluence of White Oak Creek upstream to a small impoundment 0.2 km northeast of the intersection of Highway 67 and FM 1993 in Titus County

AUID: 0303N_01 *From the confluence of White Oak Creek upstream to a small impoundment 0.2 km northeast of the intersection of Highway 67 and FM 1993 in Titus County*

Assessment Method

Macrobenthic community
(Qualitative)

LOS

CN

Parameter

Macrobenthic
Community

Sources

NPS - Livestock (Grazing or Feeding Operations)

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Chrysene	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Pyrene	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Phenanthrene	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Fluoranthene	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Benzo(a)pyrene	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Benzo(a)anthracene	NPS - Contaminated Sediments
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Acenaphthene	NPS - Contaminated Sediments
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Auction Barns; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Spills From Trucks or Trains; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; NPS - Wastes From Pets; 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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Naphthalene	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

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SEGID: 0304A Swampoodle Creek

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Channelization; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 0304B Cowhorn Creek

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Channelization

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SEGID: 0304C

Wagner Creek

Perennial stream from the confluence with Days Creek upstream to the headwaters 0.3 km west of Birdwell Davis Road

AUID: 0304C_01 *Perennial stream from the confluence with Days Creek upstream to a point 1.5 km upstream of IH 30; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

SEGID: 0304D

Nix Creek

From the confluence with Swampoodle Creek to 1.6 km (1 mi) directly east of the intersection of US HWY 271 and I30

AUID: 0304D_01 *From the confluence with Swampoodle Creek to 1.6 km (1 mi) directly east of the intersection of US HWY 271 and I30*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Channelization

SEGID: 0305B

Auds Creek

From the confluence with the North Sulphur River in Lamar County to 2 km (1.2 mi) south of US HWY 82

AUID: 0305B_01 *From the confluence with the North Sulphur River in Lamar County to 2 km (1.2 mi) south of US HWY 82*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Channelization

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SEGID: 0305D

Big Sandy Creek

From the confluence with the North Sulphur River in Lamar County to 0.4 km (.2 mi) of US HWY 82 Business in Paris

AUID: 0305D_01 *From the confluence with the North Sulphur River in Lamar County to .4 km (.2 mi) of US HWY 82 Business in Paris*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	PS - Municipal Point Source Impacts From Inadequate Industrial/Commercial Pretreatment
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	PS - Municipal Point Source Impacts From Inadequate Industrial/Commercial Pretreatment

SEGID: 0306

Upper South Sulphur River

From a point 1.0 km (0.6 mi) 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Agriculture; NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Natural Sources

SEGID: 0307

Jim L. Chapman Lake (formerly Cooper Lake)

From Jim L. Chapman Dam to a point 1.0 km (0.7 mi) upstream of SH 71 on the South Sulphur River arm and 300 m (275 yds) below the confluence of Barnett Creek on the Middle Sulphur River arm, up to a conservation pool elevation of 440 feet (impounds the Mi

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Natural Sources

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SEGID: 0307A Middle Sulphur River

From the confluence Cooper Lake in Hopkins County to the upstream perennial portion of the stream east of Wolfe City in Hunt County

AUID: 0307A_01 *From the confluence Cooper Lake in Hopkins County to the upstream perennial portion of the stream east of Wolfe City in Hunt County*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

UNK - Source Unknown

SEGID: 0307D East Fork Jernigan Creek

Intermittent stream w/pools from the confluence with the West Fork Jernigan Creek upstream 15.6 km (9.7 mi) to the headwaters at FM 64

AUID: 0307D_01 *From the confluence with the West Fork Jernigan Creek upstream 15.6 km (9.7 mi) to the headwaters at FM 64*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

UNK - Source Unknown

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SEGID: 0401

Caddo Lake

From the Louisiana State Line in Harrison/Marion County to a point 12.3 km (7.6 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

AUID: 0401_02 *Harrison Bayou arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

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SEGID: 0401

Caddo Lake

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

AUID: 0401_03 **Goose Prairie arm**

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

AUID: 0401_05 **Clinton Lake**

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); NPS - Natural Sources; UNK - Source Unknown
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); NPS - Natural Sources; UNK - Source Unknown

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SEGID: 0401

Caddo Lake

From the Louisiana State Line in Harrison/Marion County to a point 12.3 km (7.6 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Introduction Of Non-Native Organisms (Accidental or Intentional); NPS - Natural Sources; UNK - Source Unknown

SEGID: 0401A

Harrison Bayou

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

AUID: 0401A_01 *Intermittent stream with perennial pools from the confluence with Caddo Lake within the Caddo Lake National Wildlife Refuge east of the City of Karnack upstream to FM 1998 east of the City of Marshall. App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; NPS - Reduction In Baseflow; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources; NPS - Reduction In Baseflow; UNK - Source Unknown

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SEGID: 0402

Big Cypress Creek Below Lake O' the Pines

From a point 12.3 km (7.6 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

SEGID: 0402B

Hughes Creek

Perennial stream from the confluence with Black Cypress Creek upstream to the headwaters 0.2 km east of CR 2115

AUID: 0402B_01 *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; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; PS - Municipal Point Source Discharges

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SEGID: 0402E

Kelly Creek

From the confluence with Black Cypress Creek in Cass County, north to approximately 2 mi southwest of where State HWY 338 and US HWY 259 merge

AUID: 0402E_01 *From the confluence with Black Cypress Creek in Cass County, north to approximately 2 mi southwest of where State HWY 338 and US HWY 259 merge*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

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 mi) downstream of US 259 in Morris/Upshur County, up to normal pool elevation of 228.5 feet (impounds Big Cypress Creek)

AUID: 0403_01 *Lower 5000 acres*

Assessment Method

High pH

LOS

NS

Parameter

High pH

Sources

NPS - Animal Feeding Operations (NPS); NPS - Upstream Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

AUID: 0403_02 *Middle 5000 acres*

Assessment Method

High pH

LOS

NS

Parameter

pH

Sources

NPS - Animal Feeding Operations (NPS); NPS - Upstream Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

AUID: 0403_03 *Middle 5000 acres below Hwy 155*

Assessment Method

High pH

LOS

NS

Parameter

High pH

Sources

NPS - Animal Feeding Operations (NPS); NPS - Upstream Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

AUID: 0403_04 *Upper 3700 acres*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Crop Production (Irrigated); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

Assessment Method

Dissolved Oxygen 24hr minimum

LOS

NS

Parameter

Dissolved Oxygen 24hr Min

Sources

NPS - Crop Production (Irrigated); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

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SEGID: 0404

Big Cypress Creek Below Lake Bob Sandlin

From a point 1.0 km (0.6 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	PS - Industrial Point Source Discharge

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	PS - Industrial Point Source Discharge

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SEGID: 0404A **Ellison Creek Reservoir**

From the Morris County Dam up to normal pool elevation near Lone Star in Morris County (impounds Ellison Creek)

AUID: 0404A_01 *From the Morris County Dam up to normal pool elevation near Lone Star in Morris County (impounds Ellison Creek)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Lead	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
LOE Toxic Sediment condition	NS	Sediment Toxicity (LOE)	PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Zinc	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Cadmium	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Nickel	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

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SEGID: 0404B Tankersley Creek

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Managed Pasture Grazing; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl; PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown

SEGID: 0404C Hart Creek

Perennial stream from the confluence with Big Cypress Creek upstream to the headwaters 0.2 km south of CR 1635, Titus County

AUID: 0404C_01 *Perennial stream from the confluence with Big Cypress Creek upstream to 0.2 km upstream of FM 1402; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

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SEGID: 0404E

Dry Creek

Perennial stream from the confluence with Big Cypress Creek upstream to the headwaters near the intersection of Texas and Fred roads, Camp County

AUID: 0404E_01 *Perennial stream from the confluence with Big Cypress Creek upstream to the confluence of Mile Branch and Little Creek; App D*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl; PS - Municipal Point Source Discharges

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Managed Pasture Grazing; NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 0404J

Prairie Creek

From the confluence with Big Cypress Creek to Bennett Lake, south of Pittsburg in Camp County

AUID: 0404J_01 *From the confluence with Big Cypress Creek to Bennett Lake, south of Pittsburg in Camp County*

Assessment Method

Dissolved Oxygen 24hr average

LOS

CN

Parameter

Dissolved Oxygen 24hr Avg

Sources

NPS - Natural Sources; UNK - Source Unknown

Assessment Method

Dissolved Oxygen 24hr minimum

LOS

CN

Parameter

Dissolved Oxygen 24hr Min

Sources

NPS - Natural Sources; UNK - Source Unknown

SEGID: 0404K

Walkers Creek

From the confluence with Big Cypress Creek to approximately 2 mi west of Pittsburg in Camp County

AUID: 0404K_01 *From the confluence with Big Cypress Creek to approximately 2 mi west of Pittsburg in Camp County*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl

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SEGID: 0404N **Lake Daingerfield**
Southeast of the City of Daingerfield in Daingerfield State Park in Morris County

AUID: 0404N_01 *Southeast of the City of Daingerfield in Daingerfield State Park in Morris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

SEGID: 0404O **Dragoo Creek**
From the confluence with Tankersley Creek to the headwaters approximately 2 mi NW of US 67

AUID: 0404O_01 *From the confluence with Tankersley Creek to the headwaters approximately 2 mi NW of US 67*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl

SEGID: 0404S **Unnamed tributary to Big Cypress Creek**
Unnamed tributary from the confluence with Big Cypress Creek extending to J H Milligan Estate Lake near the intersection of Highway 271 and D H Abernathy Blvd northeast of Pittsburg

AUID: 0404S_01 *Unnamed tributary from the confluence with Big Cypress Creek extending to J H Milligan Estate Lake near the intersection of Highway 271 and D H Abernathy Blvd northeast of Pittsburg*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources

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SEGID: 0404T **Prairie Branch**

Intermittent stream with perennial pools extending from the confluence with Big Cypress Creek to a small impoundment 0.06 km north of County Road 4715 northeast of Pittsburg

AUID: 0404T_01 *Intermittent stream with perennial pools extending from the confluence with Big Cypress Creek to a small impoundment 0.06 km north of County Road 4715 northeast of Pittsburg*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Natural Sources

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Wildlife Other Than Waterfowl

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources

SEGID: 0404U **Evans Creek**

From the confluence with Hart Creek in Titus County to the small impoundment 0.4 km upstream of FM 1001

AUID: 0404U_01 *From the confluence with Hart Creek in Titus County to the small impoundment .40 km upstream of FM 1001*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl

SEGID: 0404V **Hayes Creek**

From the confluence with Hart Creek in Titus County upstream to New City Lake

AUID: 0404V_01 *From the confluence with Hart Creek in Titus County upstream to New City Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl

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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_01 *From the confluence with an unnamed tributary NHD RC 11140305002717 upstream 37.2 km (23 mi) to Lake Bob Sandlin*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Internal Nutrient Recycling; NPS - Upstream Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Criteria	NS	Nutrients	NPS - Internal Nutrient Recycling; PS - Drought-Related Impacts

AUID: 0405_02 *Upper 2600 acres*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Criteria	NS	Nutrients	NPS - Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Managed Pasture Grazing; PS - Drought-Related Impacts

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Animal Feeding Operations (NPS); NPS - Dairies; NPS - Internal Nutrient Recycling; NPS - Managed Pasture Grazing; NPS - Non-Point Source

AUID: 0405_03 *Panther Arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Animal Feeding Operations (NPS); NPS - Dairies; NPS - Internal Nutrient Recycling; NPS - Managed Pasture Grazing; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Criteria	NS	Nutrients	NPS - Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Managed Pasture Grazing; PS - Drought-Related Impacts

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SEGID: 0405A **Big Cypress Creek**

From the confluence with Lake Cypress Springs in Franklin County, to approximately 5 mi west of State HWY 37

AUID: 0405A_01 *From the confluence with Lake Cypress springs in Franklin County, to approximately 5 mi west of State HWY 37*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Dairies; NPS - Natural Sources; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Animal Feeding Operations (NPS); NPS - Dairies; NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Unrestricted Cattle Access; NPS - Wet Weather Discharges (Non-Point Source)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Dairies; NPS - Natural Sources; NPS - Non-Point Source

SEGID: 0405B **Panther Creek**

From the confluence with Lake Cypress Springs in Franklin County, to approximately 0.25 mi west of State HWY 37

AUID: 0405B_01 *From the confluence with Lake Cypress springs in Franklin County, to approximately .25 mi west of State HWY 37*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

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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*

<u>Assessment Method</u> Macrobenthic community (Qualitative)	<u>LOS</u> CN	<u>Parameter</u> Macrobenthic Community	<u>Sources</u> NPS - Channelization; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; PS - Drought-Related Impacts; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u> Habitat	<u>LOS</u> CS	<u>Parameter</u> Habitat	<u>Sources</u> NPS - Channelization; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; PS - Drought-Related Impacts; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen grab minimum	<u>LOS</u> NS	<u>Parameter</u> Dissolved Oxygen Grab	<u>Sources</u> NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources
<u>Assessment Method</u> Dissolved Oxygen grab screening level	<u>LOS</u> CS	<u>Parameter</u> Dissolved Oxygen Grab	<u>Sources</u> NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources
<u>Assessment Method</u> Fish community (Regional)	<u>LOS</u> CN	<u>Parameter</u> Fish Community	<u>Sources</u> NPS - Channelization; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; PS - Drought-Related Impacts; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown

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SEGID: 0406

Black Bayou

From the Louisiana State Line in Cass County to FM 96 in Cass County

AUID: 0406_02 *From the confluence with Hurricane Creek upstream 28.6 km (17.7 mi) to NHD RC 11140304000881 near FM 96*

<u>Assessment Method</u> Macrobenthic community (Qualitative)	<u>LOS</u> CN	<u>Parameter</u> Macrobenthic Community	<u>Sources</u> NPS - Channelization; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; PS - Drought-Related Impacts; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen grab screening level	<u>LOS</u> CS	<u>Parameter</u> Dissolved Oxygen Grab	<u>Sources</u> NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Non-Point Source; NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u> Dissolved Oxygen grab minimum	<u>LOS</u> NS	<u>Parameter</u> Dissolved Oxygen Grab	<u>Sources</u> NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources

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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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Natural Sources; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Sources; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Wildlife Other Than Waterfowl

SEGID: 0408C

Brushy Creek

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

AUID: 0408C_01 *From the confluence with Lake Bob Sandlin in Franklin County to Winnsboro at State HWY 37*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

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SEGID: 0409

Little Cypress Bayou (Creek)

From the confluence of Big Cypress Creek in Harrison/Marion County to a point 1.0 km (0.6 mi) upstream of FM 2088 in Wood County

AUID: 0409_01 *From the confluence with Big Cypress Creek upstream 41 km (25.4 mi) to the confluence with Lawrence Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown

AUID: 0409_02 *From the confluence with Lawrence Creek upstream 29.2 km (18.1 mi) to the confluence with NHD RC 11140307000368*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Wildlife Other Than Waterfowl

AUID: 0409_03 *From the confluence with NHD RC 11140307000368 upstream 52.2 km (32.6 mi) to the confluence with Kelsey Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Wildlife Other Than Waterfowl

AUID: 0409_04 *From the confluence with NHD RC 11140307001531 upstream 41.1 km (29.2 mi) to the headwaters at FM 2088*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0409A Lilly Creek

From the confluence with Little Cypress Creek to the Camp County line near Lawton in Upshur County.

AUID: 0409A_01 *From the confluence with Little Cypress Creek to the Camp County line near Lawton in Upshur County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Livestock (Grazing or Feeding Operations); NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Livestock (Grazing or Feeding Operations)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations)

SEGID: 0409B South Lilly Creek

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

AUID: 0409B_01 *From the confluence of Lilly Creek to approximately 2 mi west of FM 1647*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - Unrestricted Cattle Access; UNK - Source Unknown

SEGID: 0409E Clear Creek

From the confluence with Little Cypress Creek in Upshur County to 1 km (0.6 mi) west of US HWY 271

AUID: 0409E_01 *From the confluence with Little Cypress Creek in Upshur County to 1 km (.6 mi) west of US HWY 271*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0410

Black Cypress Bayou (Creek)

From the confluence with Big Cypress Creek in Marion County to the confluence with Kelly Creek in Cass County

AUID: 0410_01 *From the confluence with Big Cypress Creek upstream 25 km (15.5 mi) to the confluence with White Oak Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Copper	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	NS	Copper	UNK - Source Unknown

AUID: 0410_02 *From the confluence with White Oak Creek upstream 31.3 km (19.4 mi) to Pruitt Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources

AUID: 0410_03 *Pruitt Lake beginning near HWY 155, extending upstream 1.8 km (1.1 mi)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Copper (dissolved)	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	NS	Copper (dissolved)	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0410

Black Cypress Bayou (Creek)

From the confluence with Big Cypress Creek in Marion County to the confluence with Kelly Creek in Cass County

AUID: 0410_04 *From Pruitt Lake 26.4 km (16.4 mi) upstream to the confluence with Kelly Creek in Cass County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

SEGID: 0410A

Black Cypress Creek/Bayou

An Appendix D intermittent stream with perennial pools from the confluence with Kelly Creek upstream to FM 250 north of the City of Hughes Springs

AUID: 0410A_01 *Intermittent stream with perennial pools from the confluence with Kelly Creek upstream to FM 250 north of the City of Hughes Springs; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 0501

Sabine River Tidal

Sabine River Tidal - from the confluence with Sabine Lake in Orange County to West Bluff in Orange County

AUID: 0501_01 *Sabine River tidal from the confluence of Sabine Lake upstream to confluence of Adams Bayou Tidal*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - ; NPS - Commercial Districts (Industrial Parks); NPS - Marina Boat Maintenance; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Shipbuilding, Repairs, Drydocking; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Waterfowl; PS - Combined Sewer Overflows; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown

AUID: 0501_02 *Sabine River tidal from the confluence of Adams Bayou Tidal upstream to the confluence of Little Cypress Bayou*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Waterfowl; PS - Combined Sewer Overflows; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - ; NPS - Commercial Districts (Industrial Parks); NPS - Marina Boat Maintenance; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Shipbuilding, Repairs, Drydocking; UNK - Source Unknown

AUID: 0501_03 *Sabine River tidal from the confluence of Little Cypress Bayou upstream to the confluence of Old River at West Bluff*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - ; NPS - Commercial Districts (Industrial Parks); NPS - Marina Boat Maintenance; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Shipbuilding, Repairs, Drydocking; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0501B

Little Cypress Bayou

Little Cypress Bayou - from the confluence of the Sabine River upstream to the headwater near the intersection of S Teal Rd and Dunromin Rd north of Orange

AUID: 0501B_01 *Little Cypress Bayou from the confluence of the Sabine River upstream to a point 340m downstream of 16th St in Orange*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; 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; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Ambient Toxicity tests in water	NS	Water Chronic Toxicity	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

AUID: 0501B_02 *Little Cypress Bayou from a point 340m downstream of 16th St in Orange upstream to the confluence of an unnamed stream 100m downstream of Little Cypress Dr*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; 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; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Ambient Toxicity tests in water	NS	Water Chronic Toxicity	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0501B Little Cypress Bayou

Little Cypress Bayou - from the confluence of the Sabine River upstream to the headwater near the intersection of S Teal Rd and Dunromin Rd north of Orange

AUID: 0501B_03 *Little Cypress Bayou from the confluence of an unnamed stream 100m downstream of Little Cypress Dr upstream to the headwater near the intersection of S Teal Rd and Dunromin Rd north of Orange*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; 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; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u> Chronic Ambient Toxicity tests in water	NS	<u>Parameter</u> Water Chronic Toxicity	<u>Sources</u> NPS - Non-Point Source
<u>Assessment Method</u> Dissolved Oxygen 24hr average	NS	<u>Parameter</u> Dissolved Oxygen 24hr Avg	<u>Sources</u> NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges
<u>Assessment Method</u> Dissolved Oxygen 24hr minimum	NS	<u>Parameter</u> Dissolved Oxygen 24hr Min	<u>Sources</u> NPS - Natural Sources; NPS - Non-Point Source; NPS - Residential Districts; PS - Municipal Point Source Discharges

SEGID: 0502 Sabine River Above Tidal

Sabine River Above Tidal - from West Bluff in Orange County to the confluence with Caney Creek in Newton County

AUID: 0502_01 *Sabine River from the confluence of Old River at West Bluff upstream to the confluence of Indian Bayou*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources

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SEGID: 0502A Nichols Creek

Nichols Creek from the confluence of the Sabine River upstream to the headwater at FM 1013 northwest of Kirbyville

AUID: 0502A_01 *Nichols Creek from the confluence of the Sabine River upstream to the headwater at FM 1013 northwest of Kirbyville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources

SEGID: 0502B Caney Creek

Caney Creek - perennial stream from the Sabine River upstream to the confluence with Martin Branch

AUID: 0502B_02 *Caney Creek an Appendix D perennial stream from the Davison St crossing in Newton upstream to the confluence of Martin Branch*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0502E

Cypress Creek

Cypress Creek - from the confluence of the Sabine River up to the headwater 500m south of FM 82 east of Kirbyville

AUID: 0502E_01 *Cypress Creek from the confluence of the Sabine River up to the headwater 500m south of FM 82 east of Kirbyville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Non-Point Source; NPS - Sand/Gravel/Rock Mining or Quarries; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Non-Point Source; NPS - Sand/Gravel/Rock Mining or Quarries; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Sand/Gravel/Rock Mining or Quarries; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Sand/Gravel/Rock Mining or Quarries; NPS - Upstream Source

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SEGID: 0504 Toledo Bend Reservoir 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 Sabine River)			
AUID: 0504_01 <i>Toledo Bend Reservoir from the dam up to a line from Louisiana State Park #15 (LA) west to near Pleasure Bend Rd (TX)</i>			
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
AUID: 0504_02 <i>Toledo Bend Reservoir Six Mile Bay, including Sandy Creek arm, from near Lakeview Rd on the northside peninsula to near Pleasure Bend Rd on the southside peninsula</i>			
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
AUID: 0504_03 <i>Toledo Bend Reservoir Sunshine Bay arm, including Spring Hill Bay, from Alpine Marina on the northside peninsula to New Haven Rd on the southside peninsula</i>			
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
AUID: 0504_04 <i>Toledo Bend Reservoir from a line from Cypress Bend Golf Resort (LA) west to Alpine Marina (TX) up to a line from North Toledo Bend State Park (LA) southwest to Carter's Ferry Rd north of Patroon Bayou (TX)</i>			
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
AUID: 0504_05 <i>Toledo Bend Reservoir Patroon Bayou arm from Carter's Ferry Rd on northside peninsula to Elma Ln on southside peninsula</i>			
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
AUID: 0504_06 <i>Toledo Bend Reservoir from a line from the confluence of Ten Acre Creek (LA) west to Shelby CR 2000 near Huxley, TX up to a line from the confluence of Pen Bayou (LA) west to the confluence of Tenaha Bayou (TX)</i>			
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
AUID: 0504_07 <i>Toledo Bend Reservoir from a line from the confluence of Pen Bayou (LA) west to the confluence of Tenaha Bayou (TX) up to a point immediately upstream of the confluence of Murvaul Creek, up to the normal pool elevation of 172 feet</i>			
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0504

Toledo Bend Reservoir

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 Sabine River)

AUID: 0504_11 *Toledo Bend Reservoir from a line from North Toledo Bend State Park (LA) southwest to Carter's Ferry Rd north of Patroon Bayou (TX) up to a line from the confluence of Ten Acre Creek (LA) west to Shelby CR 2000 near Huxley, TX*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

AUID: 0504_12 *Toledo Bend Reservoir from a line from Louisiana State Park #15 (LA) west to Pleasure Bend Rd (TX) up to Cypress Bend Golf Resort (LA) west to Alpine Marina (TX)*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

SEGID: 0504E

Clear Lake

Clear Lake - an oxbow lake 12 mi northwest of Logansport, LA

AUID: 0504E_01 *Clear Lake an oxbow lake 12 mi northwest of Logansport, LA*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

SEGID: 0505

Sabine River Above Toledo Bend Reservoir

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 the confluence of Hatley Creek 7.7.km north of Tatum upstream to the confluence of Grace Creek near IH 20 west of Longview*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Wastes From Pets; PS - Municipal Point Source Discharges; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0505B Grace Creek

Grace Creek - perennial stream from the confluence of the Sabine River upstream to the headwater at FM 1844

AUID: 0505B_01 *Grace Creek an Appendix D perennial stream from the confluence of the Sabine River upstream to an unnamed tributary from Longview WWTP south of Loop 281*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Wastes From Pets; PS - Municipal Point Source Discharges; UNK - Source Unknown

AUID: 0505B_02 *Grace Creek an Appendix D perennial stream from an unnamed tributary from Longview WWTP south of Loop 281 upstream to the headwater at FM 1844*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGID: 0505D Rabbit Creek

Rabbit Creek - perennial stream from the confluence of the Sabine River upstream to the headwater at Smith CR 246 5.7 km northwest of Overton

AUID: 0505D_01 *Rabbit Creek an Appendix D perennial stream from the confluence of the Sabine River upstream to the confluence of Bighead Creek on the north side of Kilgore*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0505G Wards Creek

Wards Creek - intermittent stream with perennial pools from the confluence of Sewell Creek upstream to the confluence of an unnamed second order tributary approximately 0.6 km upstream of US 80

AUID: 0505G_01 *Wards Creek an Appendix D intermittent stream with perennial pools from the confluence of Sewell Creek upstream to the confluence of an unnamed second order tributary approximately 0.6 km upstream of US 80*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - ; NPS - ; NPS - Impacts From Land Application Of Wastes; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source; PS - Discharges From Biosolids (Sludge) Storage, Application or Disposal; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - ; NPS - ; NPS - Impacts From Land Application Of Wastes; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source; PS - Discharges From Biosolids (Sludge) Storage, Application or Disposal; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - ; NPS - ; NPS - Impacts From Land Application Of Wastes; PS - Discharges From Biosolids (Sludge) Storage, Application or Disposal; PS - Municipal Point Source Discharges

SEGID: 0505O Hills Lake

Hills Lake - an oxbow lake 13 mi east of Carthage

AUID: 0505O_01 *Hills Lake an oxbow lake 13 mi east of Carthage*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0506A Harris Creek

Harris Creek - from the confluence of the Sabine River 5.7 km north of Winona upstream to the headwater near SH 64 east of Tyler

AUID: 0506A_01 *Harris Creek from the confluence of the Sabine River 5.7 km north of Winona upstream to the headwater near SH 64 east of Tyler*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Drought-Related Impacts; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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

SEGID: 0506C Wiggins Creek

Wiggins Creek - 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 *Wiggins Creek an Appendix D 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 0507A Cowleech Fork Sabine River

Cowleech Fork - from the confluence of Lake Tawakoni upstream to the headwater northwest of Celeste

AUID: 0507A_01 *Cowleech Fork from the confluence of Lake Tawakoni upstream to the confluence of Long Branch east of Greenville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source

AUID: 0507A_02 *Cowleech Fork from the confluence of Long Branch east of Greenville upstream to the headwater northwest of Celeste*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0507B Long Branch

Long Branch - from the confluence with Cowleech Fork Sabine River east of Greenville upstream to the headwater northeast of Greenville

AUID: 0507B_01 *Long Branch from the confluence with Cowleech Fork Sabine River east of Greenville upstream to the headwater northeast of Greenville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Non-Irrigated); NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers

SEGID: 0507G South Fork of Sabine River

South Fork of Sabine River - from the confluence of Lake Tawakoni upstream to the confluence of Parker and Sabine Creeks

AUID: 0507G_01 *South Fork of Sabine River from the confluence of Lake Tawakoni upstream to the confluence of Parker and Sabine Creeks*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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; NPS - Wildlife Other Than Waterfowl

SEGID: 0507H Caddo Creek

Caddo Creek - from the confluence of Lake Tawakoni at Caddo Inlet upstream to the confluence of East Caddo and West Caddo Creeks

AUID: 0507H_01 *Caddo Creek from the confluence of Lake Tawakoni at Caddo Inlet upstream to the confluence of East Caddo and West Caddo Creeks*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; NPS - Non-Point Source

2018 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 mi) upstream of IH 10 in Orange County

AUID: 0508_01 *Lower 3 miles of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Surface Water Diversions; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Surface Water Diversions; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

2018 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 mi) upstream of IH 10 in Orange County

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Surface Water Diversions; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Surface Water Diversions; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

2018 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 mi) upstream of IH 10 in Orange County

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Surface Water Diversions; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Surface Water Diversions; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

2018 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 mi) upstream of IH 10 in Orange County

AUID: 0508_04 *Upper 2 miles of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Surface Water Diversions; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Surface Water Diversions; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Low pH	CN	pH	NPS - Municipal (Urbanized High Density Area); 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

SEGID: 0508A

Adams Bayou Above Tidal

From a point 1.1 km (0.7 mi) upstream of IH 10 in Orange County upstream to the Orange County Line Relief Ditch east of Mauriceville

AUID: 0508A_01 *From a point 1.1 km (0.7 mi) upstream of IH 10 in Orange County upstream to the Orange County Line Relief Ditch east of Mauriceville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0508B

Gum Gully

From the confluence of Adams Bayou to the upstream perennial portion of the stream northwest of Orange in Orange County

AUID: 0508B_01 *From the confluence of Adams Bayou to the upstream perennial portion of the stream northwest of Orange in Orange County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source

SEGID: 0508C

Hudson Gully

From the confluence with Adams Bayou to the headwaters near US 890 in Pinehurst in Orange County

AUID: 0508C_01 *From the confluence with Adams Bayou to the headwaters near US 890 in Pinehurst in Orange County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Littoral/Shore Area Modifications (Non-Riverine); NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Littoral/Shore Area Modifications (Non-Riverine); NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Urban Runoff/Storm Sewers

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0510

Lake Cherokee

Lake Cherokee - from Cherokee Dam in Gregg/Rusk County up to the normal pool elevation of 280 feet (impounds Cherokee Bayou)

AUID: 0510_01 *Lake Cherokee from the dam in Gregg/Rusk county up to a line at the East Texas Regional Airport runway*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

AUID: 0510_02 *Lake Cherokee from a line at the East Texas Regional Airport runway up to the normal pool elevation of 280 feet*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Low pH	NS	pH	NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source

2018 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 mi) upstream of IH 10 in Orange County

AUID: 0511_01 *Lower 5 miles*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

Enterococcus

Sources

NPS - Municipal (Urbanized High Density Area); 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*

Assessment Method

Dissolved Oxygen 24hr average

LOS

NS

Parameter

Dissolved Oxygen 24hr Avg

Sources

NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Surface Water Diversions; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

Assessment Method

Dissolved Oxygen 24hr minimum

LOS

NS

Parameter

Dissolved Oxygen 24hr Min

Sources

NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Surface Water Diversions; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

2018 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 mi) upstream of IH 10 in Orange County

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Surface Water Diversions; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Low pH	CN	pH	NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Surface Water Diversions; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

2018 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 mi) upstream of IH 10 in Orange County

AUID: 0511_04 *Upper 4 miles*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Surface Water Diversions; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Surface Water Diversions; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Low pH	NS	pH	NPS - Natural Sources; NPS - Non-Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0511A Cow Bayou Above Tidal

From a point 4.8 km (3.0 mi) upstream of IH 10 in Orange County to the upstream perennial portion of the stream northeast of Vidor in Orange County

AUID: 0511A_02 *Upper 5.3 miles of above-tidal reach*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source

SEGID: 0511B Coon Bayou

From the confluence with Cow Bayou up to the extent of tidal limit in Orange County

AUID: 0511B_01 *From the confluence with Cow Bayou up to the extent of tidal limit in Orange County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	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

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0511C Cole Creek

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 County

AUID: 0511C_01 *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 County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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

SEGID: 0511E Terry Gully

From the confluence with Cow Bayou in Orange County to the headwaters northeast of Vidor in Orange County

AUID: 0511E_01 *From the confluence with Cow Bayou in Orange County to the headwaters northeast of Vidor in Orange County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Residential Districts; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area)

SEGID: 0512 Lake Fork Reservoir

Lake Fork Reservoir - from Lake Fork Dam in Wood County up to the normal pool elevation of 403 feet (impounds Lake Fork Creek)

AUID: 0512_05 *Upper Lake Fork Creek arm from the FM 2946 crossing up to the normal pool elevation of 403 feet*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Natural Sources; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0512A Running Creek

Running Creek - from the confluence of Lake Fork at the Hopkins/Wood County line upstream to the headwater 400 m south of SH 11 southeast of Sulphur Springs

AUID: 0512A_01 Running Creek from the confluence of Lake Fork at the Hopkins/Wood County line upstream to the headwater 400 m south of SH 11 southeast of Sulphur Springs

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Animal Feeding Operations (NPS); NPS - Crop Production (Non-Irrigated); 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Animal Feeding Operations (NPS); NPS - Crop Production (Non-Irrigated); 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - ; NPS - Animal Feeding Operations (NPS); NPS - Confined Animal Feeding Operations (NPS); NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Animal Feeding Operations (NPS); NPS - Crop Production (Non-Irrigated); 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

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SEGID: 0512B Elm Creek

Elm Creek - from the confluence of Lake Fork 375 m downstream of FM 514 upstream to the headwater at Hopkins CR 1110 southwest of Sulphur Springs

AUID: 0512B_01 *Elm Creek from the confluence of Lake Fork 375 m downstream of FM 514 upstream to the headwater at Hopkins CR 1110 southwest of Sulphur Springs*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Grazing In Riparian or Shoreline Zones
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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

SEGID: 0513 Big Cow Creek

Big Cow Creek - from the confluence with the Sabine River in Newton County to a point 4.6 km (2.9 mi) upstream of Recreational Road 255 in Newton County

AUID: 0513_01 *Big Cow Creek from the confluence with the Sabine River southeast of Kirbyville upstream to the confluence of White Oak Creek west of Kirbyville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Unrestricted Cattle Access; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Lead (dissolved)	NPS - Non-Point Source; NPS - Upstream Source

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SEGID: 0514

Big Sandy Creek

Big Sandy Creek - from the confluence with the Sabine River in Upshur County to a point 2.6 km (1.6 mi) upstream of SH 11 in Hopkins County

AUID: 0514_01 *Big Sandy Creek from the confluence with the Sabine River in Upshur County upstream to the Lake Winnsboro Dam (Wood County Dam No. 4)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 *Big Sandy Creek from the Lake Winnsboro Dam (Wood County Dam No. 4) upstream to a point 2.6 km (1.6 mi) upstream of SH 11 in Hopkins County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Upstream Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Animal Feeding Operations (NPS); NPS - Crop Production (Non-Irrigated); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	High pH	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

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SEGID: 0601

Neches River Tidal

From the confluence with Sabine Lake in Orange County to the Neches River Saltwater Barrier, which is at a point 0.8 km (0.5 mi) downstream of the confluence of Pine Island Bayou, in Orange County

AUID: 0601_01 *Lower boundary to top of first oxbow, above Bird Island Bayou confluence at NHD RC 12020003000004*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Malathion	NPS - Pesticide Application; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown

AUID: 0601_02 *Top of first oxbow to top of U.S. Nat'l Defense Reserve Fleet Basin at top of NHD RC 12020003008459*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - 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 120200030000013*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

AUID: 0601_04 *Top of last oxbow below Kansas City Southern Railroad bridge to saltwater barrier at NHD RC 120200030000017*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0601A **Star Lake Canal**
North of Groves in Jefferson County

AUID: 0601A_01 *North of Groves in Jefferson County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Malathion	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown

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SEGID: 0602

Neches River Below B. A. Steinhagen Lake

From the Neches River Saltwater Barrier, which is at a point 0.8 km (0.5 mi) downstream of the confluence of Pine Island Bayou, in 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*

Assessment Method

Bioaccumulative Toxics in fish tissue

LOS

CS

Parameter

Mercury

Sources

UNK - Source Unknown

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

AUID: 0602_02 *From the confluence with Village Creek 0608 upstream to the confluence with Black Branch NHD RC 120200030000695*

Assessment Method

Bioaccumulative Toxics in fish tissue

LOS

CS

Parameter

Mercury

Sources

UNK - Source Unknown

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 0602_03 *From the confluence with Black Branch upstream to confluence with unnamed tributary at NHD RC 12020003000058*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

Assessment Method

Bioaccumulative Toxics in fish tissue

LOS

CS

Parameter

Mercury

Sources

UNK - Source Unknown

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 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 km (0.5 mi) downstream of the confluence of Pine Island Bayou, in Orange County to Town Bluff Dam in Jasper/Tyler County

AUID: 0602_04 *From the confluence with unnamed tributary at NHD RC 12020003000058 upstream to Town Bluff Dam*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

Assessment Method

Bioaccumulative Toxics in fish tissue

LOS

CS

Parameter

Mercury

Sources

UNK - Source Unknown

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 0603

B. A. Steinhagen Lake

From Town Bluff Dam to a point immediately upstream of the confluence of Hopson Mill Creek on the Neches River Arm and to a point immediately upstream of the confluence of Indian Creek on the Angelina River Arm, up to the normal pool elevation of 83 feet

AUID: 0603_01 *Main pool by dam to include all the area below the US HWY 190 bridge*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; 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)*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 0603A

Sandy Creek

From the confluence with B. A. Steinhagen Lake southwest of the City of Jasper in Jasper County upstream to the headwaters at Recreational Road 255 north of Jasper in Jasper County

AUID: 0603A_01 *From the confluence with B.A. Steinhagen Lake upstream to 0.5 km below FM 776 east of the City of Jasper, App. D*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Agriculture; NPS - Grazing In Riparian or Shoreline Zones

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SEGID: 0603B **Wolf Creek**

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 Lake Amanda Dam.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 0604_05 *From the confluence with Beech Creek in Anderson County upstream to the Blackburn Crossing Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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SEGID: 0604A Cedar Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

AUID: 0604A_03 *From the confluence with unnamed tributary adjacent to SH Loop 287 upstream to headwaters near Hoo Hoo Ave in the City of Lufkin*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 0604B Hurricane Creek

From the confluence with Cedar Creek upstream to the headwaters near Groesbeck Ave in the City of 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Municipal Point Source Discharges

AUID: 0604B_02 *From the confluence with unnamed tributary 100 meters upstream of SH Loop 287 in the City of Lufkin upstream to headwaters near Groesbeck Ave in Lufkin*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0604C

Jack Creek

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0604D

Piney Creek

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

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

AUID: 0604D_02 *Upper portion of stream from the confluence with Caney Creek (0604O) in Trinity County upstream to confluence with unnamed tributary at NHD RC 12020002000181 in Houston County 0.75km west of FM 2781.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 0604M Biloxi Creek

From the confluence with the Neches River southeast of Diboll to FM 325 east of Lufkin in Angelina County

AUID: 0604M_03 From the confluence with One Eye Creek in Angelina County SE of Lufkin upstream to FM 325 east of Lufkin

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source

SEGID: 0604T Lake Ratcliff

Lake in Houston County 3.4 mi northeast of Kennard

AUID: 0604T_01 Lake in Houston County 3.4 mi northeast of Kennard

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

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SEGID: 0605

Lake Palestine

From Blackburn Crossing Dam in Anderson/Cherokee County to a point 6.7km (4.2 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Natural Sources

AUID: 0605_02 *From the first bend in lower portion of reservoir up to the SH 155 Bridge crossing.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	High pH	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Natural Sources

AUID: 0605_03 *Upper mid-lake including Tyler Public Water Supply intake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Natural Sources

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	PS - Municipal Point Source Discharges; UNK - Source Unknown

AUID: 0605_09 *Flat Creek Arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Natural Sources

AUID: 0605_10 *Upper Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Natural Sources

2018 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 mi) downstream of FM 279 in Henderson/Smith County, up to normal pool elevation of 345 feet (impounds Neches River)

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Natural Sources

SEGID: 0605A

Kickapoo Creek in Henderson County

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

AUID: 0605A_01 *From the confluence with Lake Palestine (0605) east of Brownsboro in Henderson County to the confluence with Slater Creek (0605E).*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	PS - Municipal Point Source Discharges

AUID: 0605A_02 *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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 0606

Neches River Above Lake Palestine

From a point 6.7 km (4.2 mi) downstream of FM 279 in Henderson/Smith County to Rhine Lake Dam in Van Zandt County before it was breached in 2001

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).*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

AUID: 0606_02 *From the confluence with Prairie Creek (0606A) upstream to the Rhine Lake Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Rangeland Grazing; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Zinc (dissolved)	UNK - Source Unknown

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SEGID: 0606A **Prairie Creek**

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)

SEGID: 0606D **Black Fork Creek**

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources

AUID: 0607_03 *From the confluence with Black Creek upstream to the confluence with Willow Creek (0607C)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources

AUID: 0607_04 *From the confluence with Willow Creek (0607C) upstream to the confluence with Mayhaw Slough near oil fields*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources

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SEGID: 0607A **Boggy Creek**

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Loss Of Riparian Habitat
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; NPS - Streambank Modifications/Destabilization; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; NPS - Streambank Modifications/Destabilization; UNK - Source Unknown

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SEGID: 0607B Little Pine Island Bayou

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown

AUID: 0607B_02 *From the confluence with unnamed tributary 1.1 km SE of intersection of FM 770 and 787 upstream to headwaters 5.5 km SE of City of Segno in Polk County at NHD RC 120200070000151.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	UNK - Source Unknown
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 0607C Willow Creek

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 120200070000258 upstream to headwaters NE of Devers in Liberty County at NHD RC 120200070000200.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown

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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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

AUID: 0608_02 *From the confluence with Cypress Creek (0608C) upstream to confluence with Beech Creek (0608A)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

SEGID: 0608A

Beech Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	NS	Copper (dissolved)	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

AUID: 0608A_02 *From the confluence with Drakes Branch upstream to headwaters 0.62 km south of FM 1746 at NHD RC 12020006000035.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 0608B **Big Sandy Creek**

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 0608C **Cypress Creek**

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 0608E **Mill Creek in Hardin County**

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 *From the confluence of Village Creek (0608) west of Silsbee in Hardin County upstream to headwaters northwest of Silsbee in Hardin County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources

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SEGID: 0608G

Lake Kimball

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 *From Kimble Creek Dam northwest of Kountze in Hardin County to normal pool elevation in Tyler County (impounds Kimble and Village Creeks)*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

SEGID: 0609

Angelina River Below Sam Rayburn Reservoir

From a point immediately upstream of the confluence of Indian Creek in Jasper County to Sam Rayburn Dam in Jasper County

AUID: 0609_01 *From a point immediately upstream of the confluence of Indian Creek in Jasper County to Sam Rayburn Dam in Jasper County*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 0610

Sam Rayburn Reservoir

From Sam Rayburn Dam to a point 5.6 km (3.5 mi) upstream of Marion's Ferry on the Angelina River Arm and to a point 3.9 km (2.4 mi) downstream of Curry Creek on the Attoyac Bayou Arm, up to the normal pool elevation of 164.4 feet (except on the Angelina R

AUID: 0610_01 *Sam Rayburn main pool by the dam to the Bear Creek and Ayish Arms*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 0610_02 *Sam Rayburn lower Angelina River arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0610

Sam Rayburn Reservoir

From Sam Rayburn Dam to a point 5.6 km (3.5 mi) upstream of Marion's Ferry on the Angelina River Arm and to a point 3.9 km (2.4 mi) downstream of Curry Creek on the Attoyac Bayou Arm, up to the normal pool elevation of 164.4 feet (except on the Angelina R

AUID: 0610_03 *Sam Rayburn mid-Angelina River arm (area around SH 147)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 0610_04 *Sam Rayburn upper mid-Angelina River arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0610

Sam Rayburn Reservoir

From Sam Rayburn Dam to a point 5.6 km (3.5 mi) upstream of Marion's Ferry on the Angelina River Arm and to a point 3.9 km (2.4 mi) downstream of Curry Creek on the Attoyac Bayou Arm, up to the normal pool elevation of 164.4 feet (except on the Angelina R

AUID: 0610_05 *Sam Rayburn lower Attoyac Bayou arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 0610_06 *Sam Rayburn upper Attoyac Bayou arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0610

Sam Rayburn Reservoir

From Sam Rayburn Dam to a point 5.6 km (3.5 mi) upstream of Marion's Ferry on the Angelina River Arm and to a point 3.9 km (2.4 mi) downstream of Curry Creek on the Attoyac Bayou Arm, up to the normal pool elevation of 164.4 feet (except on the Angelina R

AUID: 0610_07 *Sam Rayburn upper Angelina arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 0610_08 *Sam Rayburn Bear Creek arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 0610

Sam Rayburn Reservoir

From Sam Rayburn Dam to a point 5.6 km (3.5 mi) upstream of Marion's Ferry on the Angelina River Arm and to a point 3.9 km (2.4 mi) downstream of Curry Creek on the Attoyac Bayou Arm, up to the normal pool elevation of 164.4 feet (except on the Angelina R

AUID: 0610_09 *Sam Rayburn lower Ayish Bayou arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 0610_10 *Sam Rayburn upper Ayish Bayou arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

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SEGID: 0610A

Ayish Bayou

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.*

Assessment Method
Dissolved Oxygen grab
screening level

LOS
CS

Parameter
Dissolved Oxygen Grab

Sources
UNK - Source Unknown

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

Sources
NPS - Non-Point Source; 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.*

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

Sources
NPS - Non-Point Source; UNK - Source Unknown

SEGID: 0610P

Bayou Carrizo

From the confluence with Sam Rayburn Reservoir upstream to the headwaters near FM 941 in the City of Appleby

AUID: 0610P_01 *From the confluence with Sam Rayburn Reservoir upstream to the headwaters near FM 941 in the City of Appleby*

Assessment Method
Bacteria Geomean

LOS
CN

Parameter
E. coli

Sources
UNK - Source Unknown

SEGID: 0611

Angelina River Above Sam Rayburn Reservoir

From the aqueduct crossing 1.0 km (0.6 mi) 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_04 *From a point immediately upstream of confluence with East Fork Angelina River (0611A) upstream to confluence with Barnhardt and Mill Creeks.*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Total Phosphorus

Sources
NPS - Non-Point Source

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

Sources
NPS - Non-Point Source; PS - Municipal Point
Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0611A East Fork Angelina River

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

AUID: 0611A_02 *From a point immediately upstream of confluence with Beech Creek (0611J) upstream to confluence with Wooten Creek (0611P)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0611B La Nana Bayou

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Municipal Point Source Discharges

AUID: 0611B_02 *From the upstream side of State Loop 224 upstream to FM 1878 in City of Nacogdoches, per WQS App. D.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Municipal Point Source Discharges

AUID: 0611B_03 *From the upstream side of FM 1878 in City of Nacogdoches upstream to confluence with Banita Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 0611C

Mud Creek

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*

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

Sources
NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other Than Waterfowl

SEGID: 0611D

West Mud Creek

Perennial stream from the confluence with Mud Creek in Cherokee County upstream 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

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.*

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

Sources
NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other Than Waterfowl

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Ammonia

Sources
NPS - Non-Point Source; PS - Municipal Point Source Discharges

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Nitrate

Sources
NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 0611V

Bowles Creek

From the confluence with Striker Creek in Cherokee County upstream to the headwaters in the City of Overton, 0.09 mi west of FM 2089

AUID: 0611V_01 *From the confluence with Striker Creek in Cherokee County upstream to the headwaters in the City of Overton, 0.09 mi west of FM 2089*

Assessment Method
Dissolved Oxygen grab minimum

LOS
CN

Parameter
Dissolved Oxygen Grab

Sources
NPS - Non-Point Source; UNK - Source Unknown

Assessment Method
Dissolved Oxygen grab screening level

LOS
CS

Parameter
Dissolved Oxygen Grab

Sources
NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 0612

Attoyac Bayou

From a point 3.9 km (2.4 mi) 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.*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - Non-Point Source

AUID: 0612_02 *From a point immediately upstream of Polly Branch confluence upstream to confluence with Bear Bayou.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; PS - Municipal Point Source Discharges

AUID: 0612_03 *From a point immediately upstream of Bear Bayou upstream to upper boundary at FM 95.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 0612F

West Creek

From the confluence with Attoyac Bayou in Shelby Co. to the headwaters approximately 2.2 km upstream of CR 4054 in Shelby Co.

AUID: 0612F_01 *From the confluence with Attoyac Bayou in Shelby Co. to the headwaters approximately 2.2 km upstream of CR 4054 in Shelby Co.*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

UNK - Source Unknown

SEGID: 0615

Angelina River/Sam Rayburn Reservoir

The riverine portion of Sam Rayburn Reservoir from a point 5.6 km (3.5 mi) upstream of Marion's Ferry to the aqueduct crossing 1.0 km (0.6 mi) upstream of the confluence of Paper Mill Creek

AUID: 0615_01 *The riverine portion of Sam Rayburn Reservoir from a point 5.6 km (3.5 mi) upstream of Marion's Ferry to the aqueduct crossing 1.0 km (0.6 mi) upstream of the confluence of Paper Mill Creek*

Assessment Method

Dissolved Oxygen 24hr average

LOS

NS

Parameter

Dissolved Oxygen 24hr Avg

Sources

NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; UNK - Source Unknown

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 0615A **Paper Mill Creek**

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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0701 **Taylor Bayou/North Fork Taylor Bayou Above Tidal**

From the saltwater lock 7.7 km (4.8 mi) downstream of SH 73 in Jefferson County to the Lower Neches Valley Authority Canal crossing of North Fork Taylor Bayou in Jefferson County

AUID: 0701_01 *From the saltwater lock 7.7 km (4.8 mi) downstream of SH 73 in Jefferson County, per WQS App. C, upstream to the confluence with Hillebrandt Bayou (0704)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen 24hr minimum	NS	<u>Parameter</u> Dissolved Oxygen 24hr Min	<u>Sources</u> NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen 24hr average	NS	<u>Parameter</u> Dissolved Oxygen 24hr Avg	<u>Sources</u> NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Natural Sources; UNK - Source Unknown

AUID: 0701_02 *From the confluence with Hillebrandt Bayou upstream to confluences with North Fork Taylor Bayou and South Fork Taylor Bayou*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen 24hr minimum	NS	<u>Parameter</u> Dissolved Oxygen 24hr Min	<u>Sources</u> NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> UNK - Source Unknown

AUID: 0701_03 *North Fork Taylor Bayou from the confluence with Taylor Bayou and South Fork Taylor Bayou upstream to the Lower Neches Valley Authority Canal, per WQS App. C, about 2.7 km SW of intersection of FM 1406 and FM 365 Road south of the City of Nome*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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SEGID: 0701D

Shallow Prong Lake

Widest upper portion of Big Hill Bayou about 2.0 km (1.26 mi) north of Blind Lake

AUID: 0701D_01 *Portion of Big Hill Bayou, Shallow Prong portion of NHD RC 12040201006920*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Arsenic	UNK - Source Unknown

SEGID: 0702

Intracoastal Waterway Tidal

From the confluence with Galveston Bay at Port Bolivar to the confluence with the Sabine-Neches/Port Arthur Canal (including Taylor Bayou Tidal from the confluence with the Intracoastal Waterway up to the saltwater lock 7.7 km (4.8 mi) downstream of SH 73

AUID: 0702_01 *From the confluence with Sabine-Neches Canal Tidal (0703) to eastern most boundary of East Bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown

AUID: 0702_02 *Taylor Bayou tidal from the confluence with the Intracoastal Waterway Tidal to the saltwater barriers.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown

AUID: 0702_03 *From the eastern most boundary of East Bay to Port Bolivar*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 0702A Alligator Bayou and Main Canals A, B, C, and D

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
LOE Toxic Sediment condition	NS	Sediment Toxicity (LOE)	NPS - Petroleum/Natural Gas Activities; PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Petroleum/Natural Gas Activities; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Lead	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Ambient Toxicity tests in water	NS	Water Acute Toxicity	NPS - Petroleum/Natural Gas Activities; PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGID: 0703 Sabine-Neches Canal Tidal

From the confluence with Sabine Pass at the southern tip of Pleasure Island in Jefferson County to the Sabine Lake seawall at the northern tip of Pleasure Island in Jefferson County

AUID: 0703_01 *From the confluence with Sabine Pass at the southern tip of Pleasure Island in Jefferson County to the Sabine Lake seawall at the northern tip of Pleasure Island in Jefferson County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown

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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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Unspecified Urban Stormwater; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Unspecified Urban Stormwater; 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers

SEGID: 0704D

Bayou Din

From the confluence with Hillebrandt Bayou upstream to headwaters in Jefferson County

AUID: 0704D_01 *From the confluence with Hillebrandt Bayou upstream to headwaters in Jefferson County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

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SEGID: 0801 Trinity River Tidal

Trinity River Tidal - from the saltwater barrier, which is 5.5 km (3.4 mi) downstream of IH 10, in Chambers County to a point 3.1 km (1.9 mi) downstream of US 90 in Liberty County

AUID: 0801_01 *From the saltwater barrier, which is 5.5 km (3.4 mi) downstream of IH 10, in Chambers County upstream to the Lynchburg Canal in Liberty County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGID: 0801B Old River

From IH 10 in Chambers County upstream to the confluence with East Prong Old River and West Prong Old River approximately 4.4 mi (7.0 km) north of Mont Belvieu

AUID: 0801B_01 *From IH 10 in Chambers County upstream to the confluence with East Prong Old River and West Prong Old River approximately 4.4 mi (7.0 km) north of Mont Belvieu*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGID: 0801C Cotton Bayou

From the confluence of Cotton Lake southeast of Mont Belvieu in Chambers County upstream to a point (NHD RC 12040203000496) approximately 1 mi north of IH 10 in Chambers County

AUID: 0801C_01 *From the confluence of Cotton Lake southeast of Mont Belvieu in Chambers County upstream to a point (NHD RC 12040203000496) approximately 1 mi north of IH 10 in Chambers County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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SEGID: 0801D

Lynchburg Canal

From confluence with Trinity River Tidal upstream to confluence with Big Caney Creek.

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

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

UNK - Source Unknown

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SEGID: 0802

Trinity River Below Lake Livingston

From a point 3.1 km (1.9 mi) downstream of US 90 in Liberty County to Livingston Dam in Polk/San Jacinto County

AUID: 0802_01 *Lower 17 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

AUID: 0802_02 *Approximately 9 mi upstream to approximately 15 mi downstream of SH 105*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

AUID: 0802_03 *11 mi upstream to approximately 9 mi downstream of FM 787*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

AUID: 0802_05 *Upper 6 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0802B Long King Creek

Perennial stream from the confluence with the Trinity River upstream to the confluence with an unnamed tributary approximately 1.2 km upstream of FM 350 near the City of Livingston

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0802E Big Creek

Perennial stream from the confluence with the Trinity River in Liberty County upstream to the confluence of Double Lake Branch and Henry Lake Branch in San Jacinto County

AUID: 0802E_01 *Perennial stream from the confluence with the Trinity River in Liberty County upstream to the confluence of Double Lake Branch and Henry Lake Branch in San Jacinto County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

2018 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 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

2018 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 mi) upstream of Boggy Creek in Houston/Leon County, up to normal pool elevation of 131 feet (impounds Trinity River)

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

2018 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 mi) upstream of Boggy Creek in Houston/Leon County, up to normal pool elevation of 131 feet (impounds Trinity River)

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

2018 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 mi) upstream of Boggy Creek in Houston/Leon County, up to normal pool elevation of 131 feet (impounds Trinity River)

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

2018 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 mi) upstream of Boggy Creek in Houston/Leon County, up to normal pool elevation of 131 feet (impounds Trinity River)

AUID: 0803_12 *Remainder of reservoir*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

SEGID: 0803A

Harmon Creek

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 mi (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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

SEGID: 0803B

White Rock Creek

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 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0803F

Bedias Creek

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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	CN	Zinc	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Zinc	UNK - Source Unknown

SEGID: 0803G

Lake Madisonville

From Lake Madisonville Dam in Madison County up to the normal pool elevation of 285 feet (impounds Town Branch)

AUID: 0803G_01 *From Lake Madisonville Dam in Madison County up to the normal pool elevation of 285 feet (impounds Town Branch)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0804

Trinity River Above Lake Livingston

From a point 1.8 km (1.1 mi) 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0804

Trinity River Above Lake Livingston

From a point 1.8 km (1.1 mi) 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_04 *From the confluence with Caney Creek up to just above the confluence with Indian Creek in Anderson County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0804F

Tehuacana Creek

From the confluence with the Trinity River northeast of Fairfield in Freestone County to the headwaters northwest of Mexia in Limestone County

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

AUID: 0804F_02 *A 28.4 mi (45.7 km) stretch of Tehuacana Creek extending from the confluence with Caney Creek to the upper end (NHD RC 120302010000225) of Tehuacana Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0804G

Catfish Creek

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 *A 20 mi 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0804H Upper Keechi Creek

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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

SEGID: 0804J Fairfield Lake

Impounded Big Brown Creek in Freestone County

AUID: 0804J_01 *Impounded Big Brown Creek in Freestone County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

SEGID: 0804K Lower Keechi Creek

Perennial stream from the confluence with the Trinity River in Leon County upstream to the headwaters in Jewett in Leon County

AUID: 0804K_01 *Perennial stream from the confluence with the Trinity River in Leon County upstream to the headwaters in Jewett in Leon County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0804L

Town Creek

Perennial stream from the confluence with Keechi Creek upstream to SH 256 (Appendix D)

AUID: 0804L_01 *Perennial stream from the confluence with Keechi Creek upstream to SH 256 (Appendix D)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0804M

Bassett Creek

Perennial stream from the confluence with Town Creek upstream to Blue Lake

AUID: 0804M_01 *From the confluence with Town Creek upstream to approximately 15m upstream of the processing plant outfall*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	NS	Macrobenthic Community	UNK - Source Unknown

AUID: 0804M_02 *From approximately 15m upstream of the processing plant outfall upstream to Blue Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

2018 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_01 *From confluence of the Cedar Creek Reservoir discharge canal upstream to confluence of Smith Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

2018 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0806A

Fosdic Lake

From Fosdic Lake Dam to the reservoir headwaters in Oakland Lake Park in Tarrant County

AUID: 0806A_01 *From Fosdic Lake Dam to the reservoir headwaters in Oakland Lake Park in Tarrant County*

Assessment Method

Bioaccumulative Toxics in fish tissue

LOS

CS

Parameter

Arsenic

Sources

UNK - Source Unknown

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Non-Point Source; PS - Unknown Point Source

SEGID: 0806B

Echo Lake

From Echo Lake Dam to the reservoirs headwaters in Tarrant County

AUID: 0806B_01 *From Echo Lake Dam to the reservoirs headwaters in Tarrant County*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Non-Point Source

SEGID: 0806D

Marine Creek

Two mi stretch of Marine Creek running upstream from confluence with the W. Fork of Trinity River to Tenmile Bridge Road in Fort Worth.

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

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source

SEGID: 0806E

Sycamore Creek

Five mi 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 mi stretch of Sycamore Creek running upstream from confluence with the W. Fork of Trinity River to confluence with Echo Lake Tributary in Fort Worth*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0806F

Little Fossil Creek

A 13.7 mi 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 *A 13.7 mi 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.*

Assessment Method
Bacteria Geomean

LOS
CN

Parameter
E. coli

Sources
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 mi) downstream of Eagle Mountain Dam in Tarrant County, up to normal pool elevation of 594 feet (impounds West Fork Trinity River)

AUID: 0807_01 *From Lake Worth Dam in Tarrant County to a point 4.0 km (2.5 mi) downstream of Eagle Mountain Dam in Tarrant County, up to normal pool elevation of 594 feet (impounds West Fork Trinity River)*

Assessment Method
DSHS Advisories, Closures, and Risk Assessments

LOS
NS

Parameter
Restricted-Consumption

Sources
UNK - Source Unknown

SEGID: 0808

West Fork Trinity River Below Eagle Mountain Reservoir

From a point 4.0 km (2.5 mi) downstream of Eagle Mountain Dam in Tarrant County to Eagle Mountain Dam in Tarrant County

AUID: 0808_01 *From a point 4.0 km (2.5 mi) downstream of Eagle Mountain Dam in Tarrant County to Eagle Mountain Dam in Tarrant County*

Assessment Method
DSHS Advisories, Closures, and Risk Assessments

LOS
NS

Parameter
Restricted-Consumption

Sources
UNK - Source Unknown

SEGID: 0809

Eagle Mountain Reservoir

From Eagle Mountain Dam in Tarrant County to a point 0.6 km (0.4 mi) 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*

Assessment Method
Dissolved Oxygen grab screening level

LOS
CS

Parameter
Dissolved Oxygen Grab

Sources
UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0809A Walnut Creek

From the normal pool elevation of Eagle Mountain Reservoir up to the headwaters approximately 2.1 mi upstream of State Highway 199 in Parker County.

AUID: 0809A_01 *From the normal pool elevation of Eagle Mountain Reservoir up to the headwaters approximately 2.1 mi upstream of State Highway 199 in Parker County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0809B Ash Creek

Intermittent stream with perennial pools from Eagle Mountain Lake in Tarrant County upstream to its confluence with Mill Branch in Parker County

AUID: 0809B_01 *Intermittent stream with perennial pools from Eagle Mountain Lake in Tarrant County upstream to its confluence with Mill Branch in Parker County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0809C Dosier Creek

Perennial stream from the confluence of Dosier Slough cove upstream to the confluence with an intermittent stream 1 km upstream of Boat Club Road

AUID: 0809C_01 *Perennial stream from the confluence of Dosier Slough cove upstream to the confluence with an intermittent stream 1 km upstream of Boat Club Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0809D Derrett Creek

Perennial stream from the confluence with Derrett Creek cove to 0.22 km upstream of FM 718 where the waterbody meets an intermittent stream

AUID: 0809D_01 *Perennial stream from the confluence with Derrett Creek cove to 0.22 km upstream of FM 718 where the waterbody meets an intermittent stream*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

2018 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 mi) downstream of the confluence of Oates Branch in Wise County to Bridgeport Dam in Wise County

AUID: 0810_01 *Lower 25 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0810C

Martin Branch

The eight mi stretch of Martin Branch running upstream from confluence with Center Creek to FM 730 south of Decatur, Wise County.

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0811A

Big Creek

From the confluence with Bridgeport Reservoir at normal pool elevation upstream to the headwaters adjacent to FM 2127 in Jack County

AUID: 0811A_01 *From the confluence with Bridgeport Reservoir at normal pool elevation upstream to the headwaters adjacent to FM 2127 in Jack County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0811B

Beans Creek

Perennial stream from the confluence with Bridgeport Reservoir at normal pool elevation upstream to the headwaters approximately 4.4 km north of Perrin in Jack County

AUID: 0811B_01 *Perennial stream from the confluence with Bridgeport Reservoir at normal pool elevation upstream to the headwaters approximately 4.4 km north of Perrin in Jack County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source

SEGID: 0814

Chambers Creek Above Richland-Chambers Reservoir

From a point 4.0 km (2.5 mi) 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

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 *From Bardwell Dam in Ellis County up to the normal pool elevation of 421 feet (impounds Waxahachie Creek)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

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SEGID: 0815A Waxahachie Creek

Perennial stream from the confluence with the normal pool elevation of Bardwell Reservoir upstream to the confluence with North Prong Creek

AUID: 0815A_01 *Perennial stream from the confluence with the normal pool elevation of Bardwell Reservoir upstream to the confluence with North Prong Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 *From Navarro Mills Dam in Navarro County up to normal pool elevation of 424.5 feet (impounds Richland Creek)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

2018 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_01 *Lowermost portion of the reservoir, adjacent to the dam.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 0818_02 *Caney Creek cove*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 0818_03 *Clear Creek cove*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 0818_04 *Lower portion of reservoir east of Key Ranch Estates*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 0818_07 *Twin Creeks cove*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 0818_08 *Prairie Creek cove*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

2018 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_09 *Upper portion of reservoir adjacent to Lacy Fork cove*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 0818_13 *From Joe B. Hoggsett Dam in Henderson County up to normal pool elevation of 322 feet (impounds Cedar Creek)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	PS - Unknown Point Source; UNK - Source Unknown

SEGID: 0818B

Cedar Creek above Cedar Creek Reservoir

Perennial stream from the confluence with Cedar Creek Reservoir at normal pool elevation upstream to the confluence of Muddy Cedar Creek and Rocky Cedar Creek in Kaufman County

AUID: 0818B_01 *Perennial stream from the confluence with Cedar Creek Reservoir at normal pool elevation upstream to the confluence of Muddy Cedar Creek and Rocky Cedar Creek in Kaufman County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0818C

Kings Creek

Intermittent stream with perennial pools from the confluence with Cedar Creek Reservoir at normal pool elevation upstream to the headwaters adjacent to FM 986 approximately 5 km north of Terrell in Kaufman County

AUID: 0818C_01 *Intermittent stream with perennial pools from the confluence with Cedar Creek Reservoir at normal pool elevation upstream to the headwaters adjacent to FM 986 approximately 5 km north of Terrell in Kaufman County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 0818D

Lacy Fork

Intermittent stream with perennial pools from the confluence with Cedar Creek Reservoir at normal pool elevation upstream to the confluence of Dry Lacy Fork and Wet Lacy Fork in Van Zandt County

AUID: 0818D_01 *Intermittent stream with perennial pools from the confluence with Cedar Creek Reservoir at normal pool elevation upstream to the confluence of Dry Lacy Fork and Wet Lacy Fork in Van Zandt County*

Assessment Method
Bacteria Geomean

LOS
CN

Parameter
E. coli

Sources
UNK - Source Unknown

SEGID: 0818F

Clear Creek

Perennial stream from the confluence with Clear Creek Cove upstream to the north edge of the highway 175.

AUID: 0818F_01 *Perennial stream from the confluence with Clear Creek Cove upstream to the north edge of the highway 175.*

Assessment Method
Bacteria Geomean

LOS
CN

Parameter
E. coli

Sources
UNK - Source Unknown

SEGID: 0818G

North Twin Creek

Perennial stream from the confluence with Twin Creeks cove to 3 km northeast of the intersection of highway 175

AUID: 0818G_01 *Perennial stream from the confluence with Twin Creeks cove to 3 km northeast of the intersection of highway 175*

Assessment Method
Bacteria Geomean

LOS
CN

Parameter
E. coli

Sources
UNK - Source Unknown

SEGID: 0818H

South Twin Creek

Perennial stream from the confluence with Twin Creeks cove upstream to 3.15 km northeast of where the waterbody intersects highway 175

AUID: 0818H_01 *Perennial stream from the confluence with Twin Creeks cove upstream to 3.15 km northeast of where the waterbody intersects highway 175*

Assessment Method
Bacteria Geomean

LOS
CN

Parameter
E. coli

Sources
UNK - Source Unknown

SEGID: 0818I

Caney Creek

Intermittent stream with perennial pools from the confluence with Cedar Creek Reservoir upstream to the dam on Third Caney Creek approximately 1.8 km north of the intersection of SH 7 and US 175 in Athens

AUID: 0818I_01 *Intermittent stream with perennial pools from the confluence with Cedar Creek Reservoir upstream to the dam on Third Caney Creek approximately 1.8 km north of the intersection of SH 7 and US 175 in Athens*

Assessment Method
Bacteria Geomean

LOS
CN

Parameter
E. coli

Sources
UNK - Source Unknown

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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 *From the confluence with the Trinity River in Kaufman County to Rockwall-Forney Dam in Kaufman County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	PS - Unknown Point Source; UNK - Source Unknown

SEGID: 0819B

Buffalo Creek

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 *Perennial stream from the confluence with the East Fork Trinity River up to 0.6 km above the confluence of Little Buffalo Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Crop Land or Dry Land); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Crop Land or Dry Land); PS - Municipal Point Source Discharges

SEGID: 0820B

Rowlett Creek

Perennial stream from the normal pool elevation of Lake Ray Hubbard upstream to the Parker Road crossing

AUID: 0820B_01 *Perennial stream from the normal pool elevation of Lake Ray Hubbard upstream to the Parker Road crossing*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Discharges From Municipal Separate Storm Sewer Systems (MS4)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

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SEGID: 0820C Muddy Creek

From the confluence with Lake Ray Hubbard, in Dallas County, to the headwaters east of Allen, in Collin County

AUID: 0820C_01 *From the confluence with Lake Ray Hubbard, in Dallas County, to the headwaters east of Allen, in Collin County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

SEGID: 0821C Wilson Creek

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 *From the confluence with Lake Lavon in Collin County up to West FM 455 (NHD RC 12030106000086), just east of Celina, Collin Co., TX.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0821D East Fork Trinity River above Lake Lavon

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 Grayson County, Texas.

AUID: 0821D_01 *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 Grayson County, Texas.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

AUID: 0822_04 *Upper 1.5 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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SEGID: 0822A Cottonwood Branch

A 6 mi stretch of Cottonwood Branch running upstream from confluence with Hackberry Creek, to Valley View Road in Dallas County.

AUID: 0822A_01 *A 2.5 mi stretch of Cottonwood Branch running upstream from confluence with Hackberry Creek to approx. 0.5 mi downstream of N. Story Rd., Dallas Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

AUID: 0822A_02 *A 3.5 mi stretch of Cottonwood Branch running upstream from approximately 0.5 mi downstream of N. Story Rd. to Valley View Rd, Dallas, Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0822B Grapevine Creek

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0822C Hackberry Creek

A 5.5 mi stretch of Hackberry Creek running upstream from confluence with Cottonwood Branch, to approximately 2.4 mi upstream of SH 114, in Irving, Dallas County.

AUID: 0822C_01 *A 5.5 mi stretch of Hackberry Creek running upstream from confluence with S. Fork Hackberry Creek to approximately 2.4 mi upstream of SH 114 in Irving, Dallas Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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SEGID: 0823B

Stewart Creek

From the confluence with Lake Lewisville in Denton County to the headwaters near Frisco in Collin County.

AUID: 0823B_01 *From the confluence with Lake Lewisville in Denton County to the headwaters near Frisco in Collin County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

SEGID: 0823C

Clear Creek

From the confluence with Lake Lewisville in Denton County to the headwaters west of Montague in Montague County

AUID: 0823C_01 *Lower 25 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0824

Elm Fork Trinity River Above Ray Roberts Lake

From a point 9.5 km (5.9 mi) downstream of the confluence of Pecan Creek in Cooke County to US 82 in Montague County

AUID: 0824_01 *Lower 7.5 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

AUID: 0824_02 *2 mi reach near unmarked county road, 1.4 km downstream Gainesville WWTP*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

AUID: 0824_03 *3.5 mi reach near SH 51*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 0825

Denton Creek

From the confluence with the Elm Fork Trinity River in Dallas County to Grapevine Dam in Tarrant County

AUID: 0825_01 *From the confluence with the Elm Fork Trinity River in Dallas County to Grapevine Dam in Tarrant County*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

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*

Assessment Method

High pH

LOS

NS

Parameter

pH

Sources

NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 0826A

Denton Creek

From the confluence with Grapevine Lake in Denton County upstream to 2.3 km upstream of TX-59

AUID: 0826A_01 *Perennial stream from the headwaters of Grapevine Lake upstream to the confluence of Trail Creek near the City of Justin*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

UNK - Source Unknown

SEGID: 0827A

White Rock Creek above White Rock Lake

Perennial stream from the headwaters of White Rock Lake upstream to the headwaters at Hilcrest Road in Frisco

AUID: 0827A_01 *Perennial stream from the headwaters of White Rock Lake upstream to the confluence with McKamy Branch east of the City of Addison*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Discharges From Municipal Separate Storm Sewer Systems (MS4); UNK - Source Unknown

SEGID: 0828A

Village Creek

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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

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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 mi upstream*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 0829_02 *From 1 mi upstream of the confluence with West Fork Trinity River up to the confluence with Mary's Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

AUID: 0829_03 *From the confluence with Mary's Creek up to Benbrook Dam in Tarrant County, TX*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

SEGID: 0829A

Lake Como

From Lake Como Dam to the reservoir headwaters in Lake Como Park in Tarrant County

AUID: 0829A_01 *From Lake Como Dam to the reservoir headwaters in Lake Como Park in Tarrant County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Arsenic	UNK - Source Unknown

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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 mi, downstream from South Fork Trinity River confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

AUID: 0831_04 *2 mi upstream of South Fork Trinity River confluence to Squaw Creek Confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	UNK - Source Unknown
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	UNK - Source Unknown

AUID: 0831_05 *From the confluence of Squaw Creek to Lake Weatherford Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 0831A

South Fork Trinity River

Eleven mi 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 mi stretch of South Fork Trinity River running upstream from confluence with Clear Fork Trinity River to confluence with Willow Creek, Parker Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

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SEGID: 0833

Clear Fork Trinity River Above Lake Weatherford

From a point 3.1 km (1.9 mi) upstream of FM 730 in Parker County, to the confluence with Strickland Creek approximately 8 km (5 mi) upstream of FM 51 in Parker County

AUID: 0833_03 *From the confluence of McKnight Branch to the confluence of Strickland Ck. approximately 8 km (5 mi) upstream of FM 51 in Parker County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 0833_04 *From the confluence with Dobbs Branch to confluence with McKnight Branch*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown

AUID: 0833_05 *From the confluence of Dobbs Branch to the lower end of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown

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SEGID: 0833A **Clear Fork Trinity River Above Strickland Creek.**

From the confluence with Strickland Creek up to Turpin Lake Road in Parker County.

AUID: 0833A_01 *From the confluence with Strickland Creek up to Turpin Lake Road in Parker County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 0836 **Richland-Chambers Reservoir**

From Richland-Chambers Dam to a point immediately upstream of the confluence of Pin Oak Creek on the Richland Creek Arm and to a point 4.0 km (2.5 mi) downstream of Tupelo Branch on the Chambers Creek Arm, up to the normal pool elevation of 315 ft (impoundment)

AUID: 0836_07 *Remainder of reservoir*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0836B **Cedar Creek**

From the confluence with Richland Chambers Reservoir to the upper end of the creek (NHD RC 12030109012807)

AUID: 0836B_01 *From the confluence with Richland Chambers Reservoir to the upper end of the creek (NHD RC 12030109012807)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	UNK - Source Unknown

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SEGID: 0836C Grape Creek

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 *From the confluence with Richland Chambers Reservoir to the upper end of the creek (NHD RC 12030108000107) southwest of Corsicana, Navarro County, TX.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 0836D Post Oak Creek

From the confluence with Richland Chambers Reservoir to the upper end of the creek (NHD RC 12030109012706)

AUID: 0836D_01 *From the confluence with Richland Chambers Reservoir to the upper end of the creek (NHD RC 12030109012706)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0837 Richland Creek Above Richland-Chambers Reservoir

From the confluence of Pin Oak Creek in Navarro County to Navarro Mills Dam in Navarro County

AUID: 0837_01 *From the confluence of Pin Oak Creek in Navarro County to Navarro Mills Dam in Navarro County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

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SEGID: 0840

Ray Roberts Lake

From Ray Roberts Dam in Denton County to a point 9.5 km (5.9 mi) 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_08 *Remainder of reservoir*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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 confluence with Johnson Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

AUID: 0841_02 *From the confluence with Johnson Creek upstream to the confluence of Village Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

SEGID: 0841A

Mountain Creek Lake

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 *From Mountain Creek Lake Dam to the reservoir headwater at the confluence of Mountain and Fish Creeks, in Dallas County (impounds Mountain Creek)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	UNK - Source Unknown

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SEGID: 0841F Cottonwood Creek

A 6.5 mi 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 *A 6.5 mi 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Discharges From Municipal Separate Storm Sewer Systems (MS4)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0841G Dalworth Creek

A 2.2 mi 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 *A 2.2 mi stretch of Dalworth Creek running upstream from confluence with Lower W. Fork Trinity to County Line Road in Grand Prairie, Dallas Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0841H Delaware Creek

An 8.5 mi stretch of Delaware Creek running upstream from confluence with Lower W. Fork Trinity to Finley Road in Irving.

AUID: 0841H_01 *An 8.5 mi stretch of Delaware Creek running upstream from confluence with Lower W. Fork Trinity to Finley Road in Irving.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 0841I Dry Branch Creek

An 1.5 mi stretch of Dry Branch Creek running upstream from confluence with Lower W. Fork Trinity to Rock Island Road in Irving, Dallas County.

AUID: 0841I_01 *An 1.5 mi stretch of Dry Branch Creek running upstream from confluence with Lower W. Fork Trinity to Rock Island Road in Irving, Dallas County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

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SEGID: 0841K Fish Creek

A 15 mi 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 *A 15 mi 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0841L Johnson Creek

Four mi 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 *From the confluence with the Lower West Fork Trinity River, upstream to just south of Mayfield Road in Arlington, Tarrant, Co..*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Discharges From Municipal Separate Storm Sewer Systems (MS4)

SEGID: 0841M Kee Branch

Six mi stretch of Kee Branch running upstream from confluence with Rush Creek to upper end of the creek (NHD RC 12030102000165).

AUID: 0841M_01 *Six mi stretch of Kee Branch running upstream from confluence with Rush Creek to upper end of the creek (NHD RC 12030102000165).*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 0841N

Kirby Creek

Four mi 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 *Four mi 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Discharges From Municipal Separate Storm Sewer Systems (MS4)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0841O

Mountain Creek

Four mi stretch of Mountain Creek running upstream from confluence with West Fork Trinity, to approximately 0.3 mi downstream of Mountain Creek Lake in Grand Prairie, Dallas Co.

AUID: 0841O_01 *Four mi stretch of Mountain Creek running upstream from confluence with West Fork Trinity, to approximately 0.3 mi downstream of Mountain Creek Lake in Grand Prairie, Dallas Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGID: 0841P

North Fork Cottonwood Creek

A 4.4 mi stretch of North Fork Cottonwood Creek running upstream from confluence with the S. Fork Cottonwood Creek in Grand Prairie, Dallas Co., to approx. 0.3 mi upstream of Carter St. in Arlington, Tarrant Co.

AUID: 0841P_01 *A 4.4 mi stretch of North Fork Cottonwood Creek running upstream from confluence with the S. Fork Cottonwood Creek in Grand Prairie, Dallas Co., to approx. 0.3 mi upstream of Carter St. in Arlington, Tarrant Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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SEGID: 0841Q North Fork Fish Creek

North Fork Fish Creek from confluence with Fish Creek in Dallas Co. upstream to SH 360 in Tarrant Co.

AUID: 0841Q_01 *North Fork Fish Creek from confluence with Fish Creek in Dallas Co. upstream to SH 360 in Tarrant Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0841U West Irving Creek

A 4 mi 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 mi 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 0841V Crockett Branch

A 1 mi (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 *A 1 mi (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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Discharges From Municipal Separate Storm Sewer Systems (MS4)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Discharges From Municipal Separate Storm Sewer Systems (MS4)

SEGID: 0841W Mountain Creek above Mountain Creek Lake

From the confluence with Mountain Creek Lake upstream to the Joe Pool Lake dam

AUID: 0841W_01 *From the confluence with Mountain Creek Lake upstream to the Joe Pool Lake dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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SEGID: 0901

Cedar Bayou Tidal

From the confluence with Galveston Bay 1.0 km (0.6 mi) downstream of Tri-City Beach Road in Chambers County to a point 2.2 km (1.4 mi) upstream of IH 10 in Chambers/Harris County

AUID: 0901_01 *From the confluence with Galveston Bay 1.0 km (0.6 mi) downstream of Tri-City Beach Road to a point 2.2 km (1.4 miles) upstream of IH 10*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Septage Disposal
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 0901A

Cary Bayou

From the confluence with Cedar Bayou Tidal to 0.8 km upstream of East Archer Rd

AUID: 0901A_01 *From the confluence with Cedar Bayou Tidal to 0.8 km upstream of East Archer Rd*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 0902

Cedar Bayou Above Tidal

From a point 2.2 km (1.4 mi) upstream of IH 10 in Chambers/Harris County to a point 7.4 km (4.6 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Unknown Point Source

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SEGID: 0902A Adlong Ditch

From the confluence of Cedar Bayou Above Tidal to the intersection of Stroker Rd and Ramsey Rd

AUID: 0902A_01 From the confluence of Cedar Bayou Above Tidal to the intersection of Stroker Rd and Ramsey Rd

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Rural (Residential Areas)

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

AUID: 1001_02 From US Hwy 90 to IH 10

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

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

AUID: 1002_02 From West Lake Houston Parkway to FM 1960 West Pass

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Natural Sources; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1002_06 From the confluence with Spring Creek to West Lake Houston Pkwy

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)

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SEGID: 1002A Tarkington Bayou

From the Luce Bayou confluence upstream to a point just upstream of FM 2025 in Liberty County

AUID: 1002A_01 *From the Luce Bayou confluence upstream to the Little Tarkington Bayou confluence near the City of Cleveland*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGID: 1002C Lake Isabell

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 immediately downstream of State Hwy 150*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Rural (Residential Areas); UNK - Source Unknown

AUID: 1003_03 *From a point immediately downstream of State Hwy 150 to US 190 (upper segment boundary)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Rural (Residential Areas); UNK - Source Unknown

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SEGID: 1003A Winters Bayou

From the confluence with East Fork San Jacinto River to 0.17 mi upstream of Dorrell Road at the confluence of Phelps creek.

AUID: 1003A_01 *From the confluence with East Fork San Jacinto River to 0.17 mi upstream of Dorrell Road at the confluence of Phelps creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1004_02 *From the Stewart Creek confluence upstream to the Lake Conroe Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Habitat Modification - Other Than Hydromodification; NPS - Loss Of Riparian Habitat; NPS - Urban Runoff/Storm Sewers

SEGID: 1004E Stewarts Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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SEGID: 1004J

White Oak Creek

Perennial stream from the confluence with West Fork San Jacinto River upstream to the confluence with East Fork White Oak Creek and West Fork White Oak Creek in Conroe

AUID: 1004J_01 *Perennial stream from the confluence with West Fork San Jacinto River upstream to the confluence with East Fork White Oak Creek and West Fork White Oak Creek in Conroe*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers

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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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 1005_02 Lynchburg Ferry Road to Goose Island

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 1005_03 Goose Island to SH 146

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 1005_04 SH 146 to Morgans Point

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 1006

Houston Ship Channel Tidal

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 1006_02 *Houston Ship Channel Tidal- From the Patrick Bayou confluence to the Houston Ship Channel/San Jacinto River Tidal (1005) confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 1006_03 *Greens Bayou Tidal- From the Houston Ship Channel confluence to a point 0.7 km (0.4 miles) upstream of the Halls Bayou confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	DDT	PS - Industrial Point Source Discharge; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	DDD	PS - Industrial Point Source Discharge; PS - Unknown Point Source

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SEGID: 1006

Houston Ship Channel Tidal

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_04 *Patrick Bayou Tidal - From the confluence with the Houston Ship Channel to 100 m (328 ft) upstream of the railroad bridge*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
LOE Toxic Sediment condition	NS	Sediment Toxicity (LOE)	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
HH Bioaccumulative Toxics in water	NS	Mercury	PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxicity tests in whole sediment	NS	Sediment Acute Toxicity	PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Mercury	PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Hexachlorobutadiene (HCBd)	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1006

Houston Ship Channel Tidal

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_05 *Goodyear Creek-From confluence with Greens Bayou Tidal to Granada St. in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
Enterococci (1006, 1007) geometric mean	NS	Enterococcus	PS - Sanitary Sewer Overflows (Collection System Failures)
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

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)*

Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1006B

Carpenters Bayou

Perennial stream from 9.0 km upstream of Houston Ship Channel up to Sheldon Reservoir

AUID: 1006B_01 *Perennial stream from 9.0 km upstream of Houston Ship Channel up to 0.8 km upstream of Wallisville Road, per WQS App D first entry*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1006D

Halls Bayou

From the Greens Bayou confluence upstream to Frick Road in Harris County

AUID: 1006D_01 *From the Greens Bayou confluence upstream to US 59*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1006D_02 *From US 59 upstream to Frick Road*

Nutrient Screening Levels	CS	Ammonia	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
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1006F

Big Gulch Above Tidal

From the confluence with Greens Bayou Tidal to Wallisville Road in Harris County

AUID: 1006F_01 *From the confluence with Greens Bayou Tidal to Wallisville Road in Harris County*

Bacteria Geomean	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

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1006H **Spring Gully Above Tidal**
From confluence with Greens Bayou to US 90 in Harris County

AUID: 1006H_01 *From confluence with Greens Bayou to US 90 in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1006I **Unnamed Tributary of Halls Bayou**
From the confluence with Halls Bayou to a point 0.13 mi upstream of Richland Drive in Harris County

AUID: 1006I_01 *From the confluence with Halls Bayou to a point 0.13 mi upstream of Richland Drive in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1006J **Unnamed Tributary of Halls Bayou**
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 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_01 *Houston Ship Channel - From a point immediately upstream of Greens Bayou Tidal to immediately upstream of the 69th Street WWTP outfall*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 1007_02 *Sims Bayou Tidal - From the Houston Ship Channel confluence to a point 11 km (6.8 mi) upstream*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1007_03 *Hunting Bayou Tidal - From the Houston Ship Channel confluence to IH-10*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

2018 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_04 *Brays Bayou Tidal - From the Houston Ship Channel confluence to downstream of IH-45*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Enterococci (1006, 1007) geometric mean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxicity tests in whole sediment	NS	Sediment Acute Toxicity	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
LOE Toxic Sediment condition	NS	Sediment Toxicity (LOE)	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 1007_08 *Little Vince Bayou Tidal - From the Vince Bayou confluence to SH 225*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1007A Canal C-147

From the confluence with Sims Bayou to a point 0.71 km east of Beltway 8 in Houston

AUID: 1007A_01 From the confluence with Sims Bayou upstream to a point 0.71 km east of Beltway 8

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1007B

Brays Bayou Above Tidal

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1007B_02 *From State Highway 6 upstream to Clodine Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1007C Keegans Bayou Above Tidal
 From the Brays Bayou confluence upstream to Harris County line

AUID: 1007C_01 From the Brays Bayou confluence to the Harris County Line

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1007D **Sims Bayou Above Tidal**
 Perennial stream from 11.0 km upstream of confluence with Houston Ship Channel upstream to Hiram Clark Drive

AUID: 1007D_01 *From Fort Bend Parkway to Hiram Clarke*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1007D_02 *From Hiram Clark to 11 miles upstream of the confluence with the Houston Ship Channel*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1007D_03 *From 11 miles upstream of the Houston Ship Channel confluence to SH 35*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGID: 1007E Willow Waterhole Bayou Above Tidal
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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007F Berry Bayou Above Tidal
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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007G Kuhlman Gully Above Tidal
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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1007H **Pine Gully Above Tidal**

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007I **Plum Creek Above Tidal**

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGID: 1007K Country Club Bayou Above Tidal

From just downstream of South Lockwood Drive to the confluence with Brays Bayou to approximately 0.5 mi upstream of North Wayside Drive in Harris County

AUID: 1007K_01 *From just downstream of South Lockwood Drive to the confluence with Brays Bayou*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007L Unnamed Tributary of Brays Bayou

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007M Unnamed Tributary of Hunting Bayou

From the confluence with Hunting Bayou to Mercury Road in Harris County

AUID: 1007M_01 *From the confluence with Hunting Bayou to Mercury Road in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGID: 1007N **Unnamed Tributary of Sims Bayou**

From the confluence with Sims Bayou, south of Airport Road, east of SH 288 in Harris County

AUID: 1007N_01 *From the confluence with Sims Bayou, south of Airport Road, east of SH 288 in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007O **Unnamed Tributary of Buffalo Bayou**

From the confluence with Buffalo Bayou to IH-10 between Hirsch Road and Lockwood in Harris County

AUID: 1007O_01 *From the confluence with Buffalo Bayou to IH-10 between Hirsch Road and Lockwood in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source

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SEGID: 1007R Hunting Bayou Above Tidal

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)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1007R_02 From just east of Elysian Street to Falls Street (North Fork)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1007R Hunting Bayou Above Tidal

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007S Poor Farm Ditch

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGID: 1007T Bintliff Ditch

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1007U **Mimosa Ditch**
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007V **Unnamed Tributary of Hunting Bayou**
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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1007W **Harris County Flood Control Ditch D 138**
From the confluence with Brays Bayou to a point immediately south of Beechnut Street in Houston

AUID: 1007W_01 *From the confluence with Brays Bayou to a point immediately south of Beechnut Street in Houston*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGID: 1008

Spring Creek

From the confluence with the West Fork of the San Jacinto River in Harris/Montgomery County to the confluence with Kickapoo Creek in Harris/Waller County

AUID: 1008_02 *Kickapoo Creek confluence to SH 249*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

AUID: 1008_03 *SH 249 to IH 45*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1008_04 *IH 45 to the confluence with Lake Houston*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Grazing In Riparian or Shoreline Zones; NPS - Rural (Residential Areas)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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SEGID: 1008B Upper Panther Branch

From the normal pool elevation of 125 feet of Lake Woodlands upstream to Old Conroe Road

AUID: 1008B_01 From Old Conroe Road to a point 0.22 miles (0.35 km) upstream of the Bear Branch confluence

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Cadmium (dissolved)	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers

SEGID: 1008C Lower Panther Branch

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 1008C_02 From Saw Dust Road to the Lake Woodlands Dam

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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SEGID: 1008F

Lake Woodlands

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*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1008H

Willow Creek

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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Total Phosphorus

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

SEGID: 1008I

Walnut Creek

From the Spring Creek confluence to a point 41.1 km (25.5 mi) upstream

AUID: 1008I_01 *From the Spring Creek confluence to a point 41.1 km (25.5 mi) upstream*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1008J

Brushy Creek

From the Spring Creek confluence upstream to a point 5.6 km (3.5 mi) upstream of FM 1488

AUID: 1008J_01 *From the Spring Creek confluence upstream to a point 5.6 km (3.5 mi) upstream of FM 1488*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1009_02 *US 290 to SH 249*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

2018 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_03 *SH 249 to IH 45*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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)

AUID: 1009_04 *IH 45 to confluence with Spring Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
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)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1009C **Faulkey Gully**
 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1009D **Spring Gully**
 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1009E **Little Cypress Creek**

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; 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 *FM 1097 to SH 105*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 *SH 105 to FM 2090*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 *FM 2090 to lower segment boundary*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1010C

Spring Branch

From the Caney Creek confluence to a point 0.54 km (0.34 mi) upstream of SH 105

AUID: 1010C_01 *From the Caney Creek confluence to a point 0.54 km (0.34 mi) upstream of SH 105*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rural (Residential Areas)
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rural (Residential Areas)
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rural (Residential Areas)

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Industrial Point Source Discharge

AUID: 1011_02 *US Hwy 59 to confluence with Caney Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Rural (Residential Areas)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	CN	High pH	NPS - Non-Point Source; UNK - Source Unknown

AUID: 1012_11 *Walden Estates to dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1013A **Little White Oak Bayou**

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1013C **Unnamed Non-Tidal Tributary of Buffalo Bayou Tidal**

Located approximately 1.8 mi 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 *Located approximately 1.8 mi upstream of the Buffalo Bayou/White Oak Bayou confluence between IH-10 and Memorial Drive west of IH-45 in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1014A

Bear Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1014B Buffalo Bayou/Barker Reservoir

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1014C Horsepen Creek

From the Langham Creek confluence upstream to a point 0.1 km (0.06 mi) west of Barker Cypress Road

AUID: 1014C_01 *From the Langham Creek confluence upstream to where channelization begins, 0.62 km (0.39 mi) north of FM 529*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1014E **Langham Creek**
From the Dinner Creek confluence upstream to FM 529

AUID: 1014E_01 *From the Bear Creek confluence upstream to the Dinner Creek confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGID: 1014H **South Mayde Creek**
Perennial stream in the Addicks Reservoir flood pool area from the confluence with Buffalo Bayou upstream to the confluence with an unnamed tributary 1.05 km south of Clay Road

AUID: 1014H_01 *Perennial stream in the Addicks Reservoir flood pool area from the confluence with Buffalo Bayou upstream to the confluence with an unnamed tributary 1.3 km (0.8 mi) west of Barker-Cypress Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1014K Turkey Creek

From the South Mayde Creek confluence upstream to FM 529, 1.1 km (0.68 mi) directly east of N. Eldridge Pkwy in Harris County

AUID: 1014K_01 *Perennial stream from the confluence with South Mayde Creek upstream to a point 0.16 km (0.1 mi) south of Clay Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1014K_02 *Perennial stream from a point 0.16 km (0.1 mi) south of Clay Road upstream to FM 529 1.1 km (0.68 mi) directly east of N. Eldridge Pkwy*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1014L Mason Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1014M Newman Branch (Neimans Bayou)

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	NS	Macrobenthic Community	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1014N Rummel Creek

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures); UNK - Source Unknown

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SEGID: 10140 Spring Branch

From Buffalo Bayou Above Tidal confluence to 1.4 km (0.87 mi) upstream of Long Point Road in Harris County

AUID: 10140_01 *From Buffalo Bayou Above Tidal confluence to 1.4 km (0.87 mi) upstream of Long Point Road in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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 mi) upstream of SH 30 in Grimes County

AUID: 1015_01 *From the West Fork of the San Jacinto River confluence upstream to the Landrum Creek confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Rural (Residential Areas)

AUID: 1015_02 *From the Landrum Creek confluence upstream to a point 4.0 km (2.5 mi) upstream of State Hwy 30*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source

SEGID: 1015A Mound Creek

From the confluence with Lake Creek to a point 0.69 km east of FM 149 near Conroe

AUID: 1015A_01 *Perennial stream from the confluence with Lake Creek upstream to the confluence with an unnamed tributary approximately 0.75 km downstream of Rabon-Chapel Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Rural (Residential Areas)

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SEGID: 1016

Greens Bayou Above Tidal

From a point 0.7 km (0.4 mi) above the confluence of Halls Bayou in Harris County to a point 100 meters (110 yards) above FM 1960 in Harris County

AUID: 1016_01 *Upper segment boundary (FM 1960) to IH 45*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Petroleum/Natural Gas Activities; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1016_02 *IH 45 to US 59*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1016_03 *From US 59 to the downstream boundary 0.7 km (0.4 miles) upstream of the Halls Bayou confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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SEGID: 1016A Garners Bayou

From the confluence with Greens Bayou upstream to a point 0.89 km northeast of Will Clayton Parkway near Humble

AUID: 1016A_02 From the Williams Gully confluence upstream to 1.5km north of Atascocita Road

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1016A_03 From the Greens Bayou confluence to the Williams Gully confluence

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1016B Unnamed Tributary of Greens Bayou

From confluence with Greens Bayou to Hirsch Road in Harris County

AUID: 1016B_01 From confluence with Greens Bayou to Hirsch Road in Harris County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGID: 1016C

Unnamed Tributary of Greens Bayou

From the confluence with Greens Bayou, east of Aldine Westfield Road, to the Hardy Toll Road in Harris County

AUID: 1016C_01 *From the confluence with Greens Bayou, east of Aldine Westfield Road, to the Hardy Toll Road in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1016D

Unnamed Tributary of Greens Bayou

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 *From the confluence with Greens Bayou, west of El Dorado Country Club to Lee Road, west of US Hwy 59 in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	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)
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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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 mi) upstream of FM 1960 in Harris County

AUID: 1017_01 *Huffmeister Rd to the confluence with Vogel Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1017_02 *Vogel Creek to the Cole Creek confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

AUID: 1017_03 *Cole Creek confluence to the Brickhouse Gully confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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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 mi) upstream of FM 1960 in Harris County

AUID: 1017_04 *From Brickhouse Gully confluence to a point immediately upstream of the confluence of Little White Oak Bayou in Harris Co. (lower segment boundary).*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGID: 1017A

Brickhouse Gully/Bayou

Perennial stream from the confluence with Whiteoak Bayou up to Gessner Road

AUID: 1017A_01 *Perennial stream from the confluence with Whiteoak Bayou up to Gessner Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGID: 1017B **Cole Creek**

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - Pesticide Application; PS - Municipal Point Source Discharges; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1017C **Vogel Creek**

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

AUID: 1017C_01 *From the White Oak Bayou confluence to a point 3.2 km (2.0 mi) upstream*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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SEGID: 1017D Unnamed Tributary of Whiteoak Bayou

From the confluence with White Oak Bayou downstream of TC Jester, to Hempstead Hwy, north of US Hwy 290 in Harris County

AUID: 1017D_01 *From the confluence with White Oak Bayou downstream of TC Jester, to Hempstead Hwy, north of US Hwy 290 in Harris County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGID: 1017E Unnamed Tributary of White Oak Bayou

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

AUID: 1017E_01 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1017F Rolling Fork Creek

From the White Oak Bayou Above Tidal confluence to a point 3.9 km (2.4 mi) upstream

AUID: 1017F_01 *From the White Oak Bayou Above Tidal confluence to a point 3.9 km (2.4 mi) upstream*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGID: 1101

Clear Creek Tidal

From the Clear Lake confluence at a point 3.2 km (2.0 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 1101_02 *Chigger Creek confluence to IH 45*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 1101

Clear Creek Tidal

From the Clear Lake confluence at a point 3.2 km (2.0 mi) 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_03 *IH 45 to Cow Bayou confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Rural (Residential Areas); PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 1101_04 *Cow Bayou confluence to confluence with Clear Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 1101A **Magnolia Creek**

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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Unknown Point Source

SEGID: 1101B **Chigger Creek**

From the confluence with Clear Creek Tidal to the Brazos River Authority Canal near CR 143 in Galveston County

AUID: 1101B_01 *From the headwaters to FM 528*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source

SEGID: 1101C **Cow Bayou**

From the Clear Creek Tidal confluence to SH 3 in Galveston County

AUID: 1101C_01 *From the Clear Creek Tidal confluence to SH3*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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SEGID: 1101D Robinson Bayou
From confluence with Clear Creek to 0.33 mile upstream of Webster Street in Galveston County

AUID: 1101D_01 From headwater to Abilene St

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Rural (Residential Areas); PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Unspecified Domestic Waste; NPS - Unspecified Urban Stormwater

AUID: 1101D_02 From Abilene St. to confluence with Clear Creek Tidal

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers

SEGID: 1101E Unnamed Trib of Clear Creek Tidal
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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Unknown Point Source

SEGID: 1101F Unnamed Tributary of Clear Creek Tidal
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)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	UNK - Source Unknown

AUID: 1102_02 *SH 288 to Hickory Slough confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
Habitat	CS	Habitat	UNK - Source Unknown
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; PS - Unknown Point Source
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	UNK - Source Unknown

2018 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_03 *Hickory Slough confluence to Turkey Creek confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	UNK - Source Unknown

2018 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_05 *Mary's Creek confluence to lower segment boundary*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	UNK - Source Unknown

SEGID: 1102A

Cowart Creek

From the Clear Creek Above Tidal confluence in Galveston County to SH 35 in Brazoria County

AUID: 1102A_01 *Sunset Drive to SH 35*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

AUID: 1102A_02 *Confluence with Clear Creek to Sunset Drive*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 1102B

Mary's Creek/ North Fork Mary's Creek

Perennial stream from the confl. with Clear Creek upstream to the confl. with N. and S. Fork Mary's Creek near FM 1128, approx. 5 km SW of Pearland. Includes perennial portions of N. Fork Mary's Creek from the confl. of Mary's Creek to the confl. with unn

AUID: 1102B_01 *From the Clear Creek Above Tidal confluence upstream to the N. and S. Fork Mary's Creek near FM 1128*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1102C Hickory Slough

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 1102D Turkey Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
Nutrient Screening Levels	CS	Ammonia	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
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 1102E Mud Gully

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1102F

Mary's Creek Bypass

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)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 1102G

Unnamed Tributary of Mary's Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1103

Dickinson Bayou Tidal

From the Dickinson Bay confluence 2.1 km (1.3 mi) downstream of SH 146 in Galveston County to a point 4.0 km (2.5 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 1103_02 *From the Gum Bayou confluence upstream to the Benson Bayou confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1103

Dickinson Bayou Tidal

From the Dickinson Bay confluence 2.1 km (1.3 mi) downstream of SH 146 in Galveston County to a point 4.0 km (2.5 mi) downstream of FM 517 in Galveston County

AUID: 1103_03 *From the Benson Bayou confluence upstream to the Bordens Gully confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1103A

Bensons Bayou

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 1103B

Bordens Gully

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 1103C

Geisler Bayou

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1103D **Gum Bayou**
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

SEGID: 1103E **Cedar Creek**
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

SEGID: 1103F **Unnamed Tributary of Dickinson Bayou Tidal**
From the Dickinson Bayou Tidal confluence to a point 0.36 km (0.22 mi) upstream of State Hwy 6

AUID: 1103F_01 *From the Dickinson Bayou Tidal confluence to a point 0.36 km (0.22 mi) upstream of State Hwy 6*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1103G **Unnamed Tributary of Gum Bayou**

From the confluence with Gum Bayou to a point 0.39 mi south of the FM 646/FM 1266 intersection between League City and Dickinson

AUID: 1103G_01 *From the confluence with Gum Bayou to a point 0.39 mi south of the FM 646/FM 1266 intersection between League City and Dickinson*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1104 **Dickinson Bayou Above Tidal**

From a point 4.0 km (2.5 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater

AUID: 1104_02 *From FM 517 upstream to FM 528*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 1105 **Bastrop Bayou Tidal**

From the confluence with Bastrop Bay 1.1 km (0.7 mi) downstream of the Intracoastal Waterway in Brazoria County to a point 8.6km (5.3 mi) upstream of Business 288 at Lake Jackson in Brazoria County

AUID: 1105_01 *From the confluence with Bastrop Bay 1.1 km (0.7 mi) downstream of the Intracoastal Waterway in Brazoria County to a point 8.6 km (5.3 mi) upstream of Business 288 at Lake Jackson in Brazoria County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Rural (Residential Areas); PS - Unknown Point Source

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SEGID: 1105A **Flores Bayou**

From the confluence with Austin Bayou Above Tidal upstream to SH 35 in Brazoria County

AUID: 1105A_03 *From the confluence with Austin Bayou Above Tidal upstream to the a point 2.6 km (1.6 mi) downstream of County Road 171*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems)

SEGID: 1105B **Austin Bayou Tidal**

From the Bastrop Bayou Tidal confluence to the confluence with Brushy Bayou in Brazoria County

AUID: 1105B_01 *From the Bastrop Bayou Tidal confluence to the confluence with Brushy Bayou in Brazoria County*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

Enterococcus

Sources

NPS - Non-Point Source; NPS - Rural (Residential Areas)

SEGID: 1105C **Austin Bayou Above Tidal**

From the confluence of Bastrop Bayou upstream (Austin Bayou Tidal upper boundary) to 0.3 km (0.19 mi) upstream of SH 288 in Brazoria County

AUID: 1105C_01 *From the confluence of Bastrop Bayou upstream (Austin Bayou Tidal upper boundary) to 0.3 km (0.19 mi) upstream of SH 288 in Brazoria County*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Septage Disposal

SEGID: 1105D **Unnamed Tributary of Bastrop Creek**

From the Bastrop Bayou Tidal confluence to 0.57 km (0.35 mi) upstream of SH 288 Bus in Brazoria County

AUID: 1105D_01 *From the Bastrop Bayou Tidal confluence to 0.57 km (0.35 mi) upstream of SH 288 Bus in Brazoria County*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Non-Point Source; NPS - Rural (Residential Areas)

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SEGID: 1105E

Brushy Bayou

From the confluence with Austin Bayou Above Tidal (1105C) upstream to end of canal approximately 0.4 mi upstream of FM 210 crossing east of the City of Angleton in Brazoria County.

AUID: 1105E_01 *From the confluence with Austin Bayou Above Tidal (1105C) upstream to end of canal approximately 0.4 mi upstream of FM 210 crossing east of the City of Angleton in Brazoria County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown

SEGID: 1107

Chocolate Bayou Tidal

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 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 1108

Chocolate Bayou Above Tidal

From a point 4.2 km (2.6 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 1109

Oyster Creek Tidal

From the Intercoastal Waterway confluence to a point 100 meters (110 yards) upstream of FM 2004 in Brazoria County

AUID: 1109_01 *From the Intracoastal Waterway confluence to a point 100 m (110 yds) upstream of FM 2004*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Rural (Residential Areas); UNK - Source Unknown

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SEGID: 1110

Oyster Creek Above Tidal

From a point 100 meters (110 yards) upstream of FM 2004 in Brazoria County to a point 4.3 km (2.7 mi) upstream of Scanlan Road in Fort Bend County

AUID: 1110_01 *From a point 100 meters (110 yards) upstream of FM 2004 in Brazoria County upstream to the Styles Bayou confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Rural (Residential Areas); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Rural (Residential Areas); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	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]*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	UNK - Source Unknown

AUID: 1110_03 *From an unnamed tributary [2.9 km (1.8 mi) downstream of FM 1462] upstream to a point 4.3 km (2.7 mi) upstream of Scanlan Road in Fort Bend County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Rural (Residential Areas); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	UNK - Source Unknown

SEGID: 1111

Old Brazos River Channel Tidal

From the Intercoastal Waterway confluence to SH 288 in Brazoria County

AUID: 1111_01 *From the Intercoastal Waterway confluence to SH 288 in Brazoria County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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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 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

2018 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 mi) downstream of Genoa-Red Bluff Road in Pasadena in Harris County (includes Mud Lake/Pasadena Lake)

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 1113A

Armand Bayou Above Tidal

From the upper segment boundary of Armand Bayou Tidal, 0.8 km (0.5 mi) 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 0.8 km (0.5 mi) downstream of Genoa-Red Bluff Road) upstream to Beltway 8*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	NS	Macrobenthic Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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SEGID: 1113B **Horsepen Bayou Tidal**
From the Armand Bayou confluence to the SH3

AUID: 1113B_01 *From the Armand Bayou confluence to the SH3*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 1113C **Unnamed Tributary to Horsepen Bayou**
From the Horsepen Bayou confluence to Reseda Road

AUID: 1113C_01 *From the Horsepen Bayou confluence to Reseda Drive*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Unspecified Land Disturbance

SEGID: 1113D **Willow Springs Bayou**
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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SEGID: 1113E

Big Island Slough

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*

Assessment Method
Dissolved Oxygen grab
screening level

LOS
CS

Parameter
Dissolved Oxygen Grab

Sources
UNK - Source Unknown

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

Sources
NPS - Urban Runoff/Storm Sewers; 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 yards) upstream of SH 332 in Brazoria County

AUID: 1201_01 *From the confluence with the Gulf of Mexico in Brazoria County to a point 100 meters (110 yards) upstream of SH 332 in Brazoria County*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Chlorophyll-a

Sources
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_01 *Portion of the Brazos River from the confluence with the Brazos River Tidal in Brazoria County upstream to the confluence with Flat Bank Creek in Fort Bend County.*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Chlorophyll-a

Sources
NPS - Agriculture; NPS - Loss Of Riparian Habitat; NPS - Wildlife Other Than Waterfowl; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

Sources
UNK - Source Unknown

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.*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Chlorophyll-a

Sources
NPS - Internal Nutrient Recycling

AUID: 1202_05 *Portion of the Brazos River from confluence with Lewisville Creek in Waller County upstream to the confluence with the Navasota River in Grimes County.*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Chlorophyll-a

Sources
NPS - Non-Point Source; PS - Municipal Point Source Discharges

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SEGID: 1202H

Allen's Creek

From the confluence with the Brazos River, two mi northeast of Wallis, to the headwaters one mi north of IH 10 in Austin County.

AUID: 1202H_01 *From the confluence with the Brazos River, two mi northeast of Wallis, to the headwaters one mi north of IH 10 in Austin County.*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Total Phosphorus

Sources

NPS - Crop Production (Crop Land or Dry Land);
NPS - Municipal (Urbanized High Density Area);
NPS - Non-Point Source

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SEGID: 1202J

Big Creek

Big Creek - from the confluence of the Brazos River upstream to the confluence of Cottonwood Creek and Coon Creek

AUID: 1202J_01 *Big Creek from the confluence of the Brazos River upstream to the confluence of an unnamed tributary 2.1 km downstream of FM 2977 south of Rosenberg*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Rural (Residential Areas); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Sources; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	NPS - Agriculture; NPS - Unrestricted Cattle Access
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

AUID: 1202J_02 *Big Creek Appendix D intermittent stream with perennial pools section from the confluence with an unnamed tributary 2.1 km downstream of FM 2977 upstream to the confluence of Cottonwood Creek and Coon Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Agriculture; NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Agriculture; NPS - Municipal (Urbanized High Density Area); NPS - Rangeland Grazing
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - Wildlife Other Than Waterfowl

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SEGID: 1202K **Mill Creek**
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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Natural Sources; NPS - Streambank Modifications/Destabilization
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling

SEGID: 1204A **Camp Creek**
From its confluence with the Brazos River downstream of Lake Granbury, upstream to its headwaters, 0.9 mi north of US Hwy 67 in Johnson County.

AUID: 1204A_01 *From its confluence with the Brazos River downstream of Lake Granbury, upstream to its headwaters, 0.9 mi north of US Hwy 67 in Johnson County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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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_01 *Upstream portion of lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

AUID: 1205_02 *Portion of lake adjacent to the City of Oak Trail Shores*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

AUID: 1205_03 *Portion of lake adjacent to the City of Granbury*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

AUID: 1205_04 *Portion of lake downstream of Granbury*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

AUID: 1205_05 *Downstream portion of lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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_SA1 *Unnamed inlets and canals adjacent to AU 1205_01*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

AUID: 1205_SA2 *Unnamed inlets and canals adjacent to 1205_02*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

AUID: 1205_SA3 *Unnamed inlets and canals adjacent to 1205_03*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

AUID: 1205_SA4 *Unnamed inlets and canals adjacent to 1205_04*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

AUID: 1205_SA5 *Unnamed inlets and canals adjacent to AU 1205_05*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Yard Maintenance; PS - Municipal Point Source Discharges

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SEGID: 1205C **Walnut Creek**

From the confluence with Lake Granbury upstream to its headwaters in Hood County

AUID: 1205C_01 *From the confluence with Lake Granbury upstream to its headwaters in Hood County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Loss Of Riparian Habitat

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Loss Of Riparian Habitat

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Loss Of Riparian Habitat

AUID: 1206_03 *Portion of Brazos river from confluence with Elm Creek in Palo Pinto County upstream to Possum Kingdom Reservoir in Palo Pinto county.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Municipal Point Source Discharges

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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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source

AUID: 1208_04 *From confluence with Boggy Creek upstream to confluence with Millers Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown

AUID: 1208_05 *From confluence with Millers Creek upstream to confluence with Lake Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source

AUID: 1208_06 *From confluence with Lake Creek upstream to the confluence with Salt and Double Mountain Forks of the Brazos River*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	UNK - Source Unknown

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SEGID: 1208A **Millers Creek Reservoir**
 Impoundment of Millers Creek, 12.5 mi southwest of Seymour in Baylor County

AUID: 1208A_01 *Impoundment of Millers Creek, 12.5 mi southwest of Seymour in Baylor County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Shallow Lake/Reservoir

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	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

AUID: 1209_05 *Portion of Navasota River from confluence with Camp Creek upstream to Lake Limestone Dam in Robertson County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); 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

From the Country Club Branch Dam up to normal pool elevation in Bryan in Brazos County

AUID: 1209A_01 From the Country Club Branch Dam up to normal pool elevation in Bryan in Brazos County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Arsenic	NPS - Industrial Land Treatment; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
LOE Toxic Sediment condition	NS	Sediment Toxicity (LOE)	NPS - Industrial Land Treatment; NPS - Non-Point Source

SEGID: 1209B Fin Feather Lake

From Fin Feather Dam up to normal pool elevation in northwest Bryan in Brazos County

AUID: 1209B_01 From Fin Feather Dam up to normal pool elevation in northwest Bryan in Brazos County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	DDD	NPS - Industrial Land Treatment; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
LOE Toxic Sediment condition	NS	Sediment Toxicity (LOE)	NPS - Industrial Land Treatment; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	DDE	NPS - Industrial Land Treatment; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Chromium	NPS - Industrial Land Treatment

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Arsenic	NPS - Industrial Land Treatment

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Zinc	NPS - Industrial Land Treatment; NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Copper	NPS - Industrial Land Treatment

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SEGID: 1209C **Carters Creek**
 Perennial stream from the confluence with the Navasota River southeast of College Station in Brazos County upstream to the headwaters 1.6 km upstream on US 190

AUID: 1209C_01 *Perennial stream from the confluence with the Navasota River upstream to the confluence of an unnamed tributary 0.5 km upstream of FM 158; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; NPS - Unspecified Urban Stormwater; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; PS - Municipal Point Source Discharges

SEGID: 1209D **Country Club Branch**
 From the confluence with Country Club Lake in Bryan in Brazos County to the dam at Fin Feather Lake in Bryan

AUID: 1209D_01 *From the confluence with Country Club Lake in Bryan in Brazos County to the dam at Fin Feather Lake in Bryan*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

SEGID: 1209E **Wickson Creek**
 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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

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SEGID: 1209G Cedar Creek

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 *From the confluence with the Navasota River in Brazos County to the confluence with Moores Branch and Rocky Branch in Robertson County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 1209H Duck Creek

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 Twin Oak Reservoir dam in Robertson County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source

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SEGID: 1209I

Gibbons Creek

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

SEGID: 1209J

Shepherd Creek

From the confluence with the Navasota River in Madison County to a point 0.7 mi upstream of FM 1452 in Madison County

AUID: 1209J_01 *From the confluence with the Navasota River in Madison County to a point 0.7 mi upstream of FM 1452 in Madison County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

SEGID: 1209K

Steele Creek

From confluence with Navasota River in Robertson County to a point 2.4 mi 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Natural Sources; NPS - Non-Point Source

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SEGID: 1209L **Burton Creek**

Burton Creek - from the confluence of Carters Creek in College Station upstream to the headwater 0.7 km northeast of Finfeather Lake in Bryan

AUID: 1209L_01 *Burton Creek from the confluence of Carters Creek in College Station upstream to the headwater 0.7 km northeast of Finfeather Lake in Bryan*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

SEGID: 1209O **Normangee Lake**

Impounded Running Creek, 7.5 km west of Normangee in Leon County.

AUID: 1209O_01 *Impounded Running Creek, 7.5 km west of Normangee in Leon County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Arsenic	NPS - Non-Point Source

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source

AUID: 1210_02 *Western end, from point where reservoir begins to widen, to upper end*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Internal Nutrient Recycling; NPS - Non-Point Source

SEGID: 1210A **Navasota River Above Lake Mexia**

From the confluence with the headwaters of Lake Mexia in Limestone County to a point 1.25 mi upstream of SH 31 in Hill County

AUID: 1210A_01 *From the confluence with the headwaters of Lake Mexia in Limestone County to a point 1.25 mi upstream of SH 31 in Hill County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Natural Sources; NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems)

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SEGID: 1211

Yegua Creek

From the confluence with the Brazos River in Burleson/Washington County to Somerville Dam in Burleson/Washington County

AUID: 1211_01 *From the confluence with the Brazos River in Burleson/Washington County to Somerville Dam in Burleson/Washington County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Upstream Source

SEGID: 1211A

Davidson Creek

Intermittent stream with perennial pools from the confluence with Yegua Creek to 1.7 km above CR 322, Milam County

AUID: 1211A_02 *Intermittent stream with perennial pools from the confluence with Yegua Creek upstream to 0.2 km above SH 21 near the City of Caldwell; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Natural Sources; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources; NPS - Non-Point Source

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous pH Daily Maximum	NS	Continuous pH	NPS - Agriculture; NPS - Internal Nutrient Recycling

AUID: 1212_03 *Middle of reservoir near Birch Creek State Park*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous pH Daily Maximum	NS	Continuous pH	NPS - Agriculture; NPS - Internal Nutrient Recycling

AUID: 1212_04 *Western end of reservoir near upper segment boundary*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous pH Daily Maximum	NS	Continuous pH	NPS - Agriculture; NPS - Internal Nutrient Recycling

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SEGID: 1212A Middle Yegua Creek

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1212L Yegua Creek

Yegua Creek from the confluence of Somerville Lake upstream to the confluence of East Yegua and Middle Yegua Creeks at the Burleson and Lee County Line

AUID: 1212L_01 *Yegua Creek from the confluence of Somerville Lake upstream to the confluence of East Yegua and Middle Yegua Creeks at the Burleson and Lee County Line*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Natural Sources; NPS - Wet Weather Discharges (Non-Point Source)

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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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 1213A

Big Elm Creek

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 1213B Little Elm Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	UNK - Source Unknown
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

SEGID: 1213C Unnamed Tributary of Little Elm Creek

From confluence with Little Elm Creek upstream to headwaters in Temple, Bell County

AUID: 1213C_01 *From confluence with Little Elm Creek upstream to headwaters in Temple, Bell County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Agriculture; NPS - Non-Point Source
Nutrient Screening Levels	CS	Nitrate	NPS - Natural Sources; UNK - Source Unknown

SEGID: 1216 Stillhouse Hollow Lake

From Stillhouse Hollow Lake Dam in Bell County to a point immediately upstream of the confluence of Rock Creek in Bell County, up to normal pool elevation of 622 feet (impounds Lampasas River)

AUID: 1216_01 *Main Body of Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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SEGID: 1217 Lampasas River Above Stillhouse Hollow Lake

From a point immediately upstream of the confluence of Rock Creek in Bell County to FM 2005 in Hamilton County

AUID: 1217_04 *Portion of Lampasas River from confluence with Simms Creek upstream to confluence with Bennett Creek in Lampasas County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Dairies; NPS - Loss Of Riparian Habitat; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Wildlife Other Than Waterfowl

AUID: 1217_05 *Portion of Lampasas River from confluence with Bennett Creek upstream to its headwaters in Mills County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 1217B Sulphur Creek

From the confluence of the Lampasas River east of Lampasas in Lampasas County to the confluences of Bean Creek and East Fork Sulphur Creek west of Lampasas in Lampasas County

AUID: 1217B_02 *From the spring source located in the City of Lampasas upstream to the confluences with Bean Creek and East Fork Sulphur Creek west of Lampasas in Lampasas County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Managed Pasture Grazing; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rural (Residential Areas); NPS - Wildlife Other Than Waterfowl

SEGID: 1217D North Fork Rocky Creek

Intermittent stream with perennial pools from the confluence with South Rocky Creek upstream to its headwaters approximately 11 km west of US 183]

AUID: 1217D_01 *Intermittent stream with perennial pools from the confluence with South Rocky Creek upstream to its headwaters approximately 11 km west of US 183; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources

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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_01 *Portion of Nolan Creek from the confluence with the Leon River upstream to confluence with North Nolan/South Nolan Creek fork in Bell county*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges; PS - Wet Weather Discharges (Point Source And Combination Of Stormwater, SSO or CSO)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges; PS - Wet Weather Discharges (Point Source And Combination Of Stormwater, SSO or CSO)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Municipal Point Source Discharges; PS - Wet Weather Discharges (Point Source And Combination Of Stormwater, SSO or CSO)

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Municipal (Urbanized High Density Area); NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Municipal Point Source Discharges

SEGID: 1218A **Unnamed Tributary to Little Nolan Creek**

From the confluence with Little Nolan Creek upstream to headwaters in the city of Killeen, Bell County.

AUID: 1218A_01 *From the confluence with Little Nolan Creek upstream to headwaters in the city of Killeen, Bell County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

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SEGID: 1218C Little Nolan Creek

From the confluence with Nolan Creek/South Nolan Creek upstream to headwaters in the city of Killeen, Bell County.

AUID: 1218C_01 From the confluence with Nolan Creek/South Nolan Creek upstream to headwaters in the city of Killeen, Bell County.

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 From the confluence with the Lampasas River in Bell County to Belton Dam in Bell County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Municipal (Urbanized High Density Area)

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SEGID: 1221

Leon River Below Proctor Lake

From a point immediately upstream of the confluence of Plum Creek in Coryell County to Proctor Dam in Comanche County

AUID: 1221_04 *From a point immediately upstream of the confluence with Plum Creek, upstream to the confluence with Pecan Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling

AUID: 1221_05 *From confluence with Pecan Creek, upstream to confluence with South Leon Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources

AUID: 1221_06 *From confluence with South Leon Creek upstream to confluence with Walnut Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; PS - Municipal Point Source Discharges

AUID: 1221_07 *From the confluence with Walnut Creek upstream to Lake Proctor*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling

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SEGID: 1221A Resley Creek

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 Erath County

AUID: 1221A_01 *Portion of Resley Creek from confluence with Leon River upstream to conf. with unnamed tributary (NHD RC 12070201007823), approx. 1.0 mi N. of Comanche County Line*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous Dissolved Oxygen Daily 24hr Average	NS	Continuous Dissolved Oxygen 24hr	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Natural Sources; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous Dissolved Oxygen Daily 24hr Minimum	NS	Continuous Dissolved Oxygen 24hr	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Natural Sources; PS - Municipal Point Source Discharges

AUID: 1221A_02 *Portion of Resley Creek from confluence with unnamed tributary (NHD RC 12070201007823), upstream to headwaters in Erath County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

SEGID: 1221B South Leon River

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

AUID: 1221B_01 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

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SEGID: 1221C Pecan Creek

Perennial stream from the confluence with the Leon River upstream to the headwaters approximately 3.1 km south of the City of Hamilton in Hamilton County

AUID: 1221C_01 *Perennial stream from the confluence with the Leon River upstream to the confluence with an unnamed tributary approximately 3.5 km upstream of SH 36 near the City of Hamilton; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source

SEGID: 1221D Indian Creek

Perennial stream from the confluence of the Leon River to the headwaters approximately 7.5 km west of Comanche in Comanche County

AUID: 1221D_01 *From confluence with Leon River, upstream to confluence with Armstrong Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source

AUID: 1221D_02 *Perennial stream from the confluence with Armstrong Creek approximately 1.5 km downstream of SH 36 upstream to the confluence with an unnamed tributary approximately 0.1 km upstream of US 377; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Natural Sources; UNK - Source Unknown

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SEGID: 1221F Walnut Creek

From its confluence with Leon River upstream to its headwaters 2.4 mi west of Dublin in Erath County

AUID: 1221F_01 *From its confluence with Leon River upstream to its headwaters 2.4 mi west of Dublin in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

SEGID: 1221G Coryell Creek

Coryell Creek from the confluence of the Leon River west of Gatesville upstream to headwater at Coryell CR 219 north of Gatesville

AUID: 1221G_01 *Coryell Creek from the confluence of the Leon River west of Gatesville upstream to headwater at Coryell CR 219 north of Gatesville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 1222A Duncan Creek

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

SEGID: 1222B Rush-Copperas Creek

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

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SEGID: 1222C Sabana River

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 Proctor Lake in Comanche County upstream to confluence with Elm Creek in Eastland County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

SEGID: 1222D Sowell's Creek

From its confluence with Lake Proctor, upstream to its headwaters 1.3 mi west of Dublin in Erath County

AUID: 1222D_01 *From its confluence with Lake Proctor, upstream to its headwaters 1.3 mi west of Dublin in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source

SEGID: 1222E Sweetwater Creek

From its confluence with Copperas Creek, upstream to its headwaters, 6.3 mi west of Comanche in Comanche County

AUID: 1222E_01 *From its confluence with Copperas Creek, upstream to its headwaters, 6.3 mi west of Comanche in Comanche County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

SEGID: 1222F Hackberry Creek

From its confluence with Armstrong Creek, upstream to its headwaters approximately 9.8 mi west of Stephenville in Erath County

AUID: 1222F_01 *From its confluence with Armstrong Creek, upstream to its headwaters approximately 9.8 mi west of Stephenville in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CN	Dissolved Oxygen Grab	UNK - Source Unknown

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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 *From a point immediately upstream of the confluence of Mill Branch in Comanche County to Leon Dam in Eastland County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source

SEGID: 1223A

Armstrong Creek

From its confluence with the Leon River downstream of Leon Reservoir, upstream to its headwaters in Erath County 6.2 mi east of State Hwy 16.

AUID: 1223A_01 *From its confluence with the Leon River downstream of Leon Reservoir, upstream to its headwaters in Erath County 6.2 mi east of State Hwy 16.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

SEGID: 1223B

Cow Creek

From the confluence with Armstrong Creek, upstream to its headwaters in Erath County, 5 mi north of Dublin

AUID: 1223B_01 *From the confluence with Armstrong Creek, upstream to its headwaters in Erath County, 5 mi north of Dublin*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source

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SEGID: 1226

North Bosque River

From a point immediately upstream of the confluence of Long Branch in McLennan County to a point immediately upstream of the confluence of Indian Creek in Erath County

AUID: 1226_01 *Portion of North Bosque River from confluence with Waco Lake in McLennan County upstream to confluence with Neils Creek in Bosque County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges

AUID: 1226_02 *Portion of North Bosque River from confluence with Neils Creek upstream to confluence with Meridian Creek in Bosque County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous Dissolved Oxygen Daily 24hr Average	CN	Continuous Dissolved Oxygen 24hr	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous Dissolved Oxygen Daily 24hr Minimum	CN	Continuous Dissolved Oxygen 24hr	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	NS	Algae	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges

AUID: 1226_03 *Portion of North Bosque River from confluence with Meridian Creek upstream to confluence with Duffau Creek in Bosque County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	NS	Algae	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges

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SEGID: 1226

North Bosque River

From a point immediately upstream of the confluence of Long Branch in McLennan County to a point immediately upstream of the confluence of Indian Creek in Erath County

AUID: 1226_04 *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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	NS	Algae	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 1226B

Green Creek

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous Dissolved Oxygen Daily 24hr Average	NS	Continuous Dissolved Oxygen 24hr	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Continuous Dissolved Oxygen Daily 24hr Minimum	NS	Continuous Dissolved Oxygen 24hr	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling

SEGID: 1226E

Indian Creek

From the confluence with the North Bosque River in Erath County to the headwaters 3.5 mi east of Stephenville in Erath County

AUID: 1226E_01 *From the confluence with the North Bosque River in Erath County to the headwaters 3.5 mi east of Stephenville in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source

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SEGID: 1226G Spring Creek

From the confluence with the North Bosque River in Hamilton County to the headwaters 8.5 mi west of Hico in Hamilton County

AUID: 1226G_01 *From the confluence with the North Bosque River in Hamilton County to the headwaters 8.5 mi west of Hico in Hamilton County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1226H Alarm Creek

From its confluence with the North Bosque River, upstream to its headwaters 3 mi west of Stephenville in Erath County

AUID: 1226H_01 *From its confluence with the North Bosque River, upstream to its headwaters 3 mi west of Stephenville in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling

SEGID: 1226K Little Duffau Creek

From its confluence with Duffau Creek, upstream to its headwaters 2.4 mi south west of US 67 in Erath County

AUID: 1226K_01 *From its confluence with Duffau Creek, upstream to its headwaters 2.4 mi south west of US 67 in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

SEGID: 1226O Sims Creek Reservoir

Impounded Sims Creek in Erath County, 6.8 mi south east of Stephenville

AUID: 1226O_01 *Impounded Sims Creek in Erath County, 6.8 mi south east of Stephenville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source

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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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Municipal Point Source Discharges

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1227A Buffalo Creek

From the confluence with the Nolan River upstream to the confluence with East Buffalo Creek and West Buffalo Creek

AUID: 1227A_01 *From the confluence with the Nolan River upstream to the confluence with East Buffalo Creek and West Buffalo Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

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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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	NPS - Internal Nutrient Recycling

AUID: 1232_03 *From confluence with Deadman Creek upstream to conf. With Bitter Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source

AUID: 1232_04 *From confluence with Bitter Creek upstream to end of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source

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SEGID: 1232A California Creek

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Natural Sources; 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; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Natural Sources
Fish community (Regional)	NS	Fish Community	NPS - Natural Sources

SEGID: 1232B Deadman Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

AUID: 1232B_02 *Upstream of WWTP outfall to headwaters*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source

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SEGID: 1233A Big Sandy Creek

From its confluence with Hubbard Creek Reservoir, upstream to its headwaters 4 mi west of US 183 in Stephens County.

AUID: 1233A_01 *From its confluence with Hubbard Creek Reservoir, upstream to its headwaters 4 mi west of US 183 in Stephens County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Natural Sources; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Municipal Point Source Discharges

SEGID: 1236A Cedar Creek

From its confluence with Phantom Hill Reservoir, upstream to its headwaters 4 mi north east of Tuscola, in Taylor County

AUID: 1236A_01 *From its confluence with Phantom Hill Reservoir, upstream to its headwaters 4 mi north east of Tuscola, in Taylor County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGID: 1237 Lake Sweetwater

From Sweetwater Dam in Nolan County up to the normal pool elevation of 2116.5 feet (impounds Bitter Creek)

AUID: 1237_01 *From Sweetwater Dam in Nolan County up to the normal pool elevation of 2116.5 feet (impounds Bitter Creek)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	CN	Chloride	PS - Drought-Related Impacts

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	CN	Sulfate	PS - Drought-Related Impacts

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	CN	Total Dissolved Solids	PS - Drought-Related Impacts

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1238

Salt Fork Brazos River

From the confluence of the Double Mountain Fork Brazos River in Stonewall County to the most upstream crossing of SH 207 in Crosby County

AUID: 1238_01 *Portion of Salt Fork Brazos River from confluence with Double Mountain Fork Brazos River upstream to confluence with Croton Creek in Stonewall County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	UNK - Source Unknown

AUID: 1238_02 *Portion of Salt Fork Brazos River from confluence with Croton Creek in Stonewall County upstream to confluence with Butte Creek in Kent County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

AUID: 1238_03 *Portion of Salt Fork Brazos River from confluence with Butte Creek in Kent County upstream to the most upstream crossing of SH 207 in Crosby County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	UNK - Source Unknown

SEGID: 1238A

Croton Creek

From its confluence with the Salt Fork of the Brazos River, upstream to its headwaters 1.6 mi north of Dickens in Dickens County

AUID: 1238A_01 *From its confluence with the Salt Fork of the Brazos River, upstream to its headwaters 1.6 mi north of Dickens in Dickens County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1238B

Duck Creek

Intermittent stream w/pools from the confluence with the Salt Fork of the Brazos River in Kent County upstream approximately 90 km (56 mi) to the headwaters approximately 12 km (7.5 mi) northeast of US Highway 82

AUID: 1238B_01 *From the confluence with the Salt Fork of the Brazos River in Kent County upstream approximately 90 km (56 mi) to the headwaters approximately 12 km (7.5 mi) northeast of US Highway 82*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source

SEGID: 1240

White River Lake

From White River Dam in Crosby County up to the normal pool elevation of 2372.2 feet (impounds White River)

AUID: 1240_01 *From White River Dam in Crosby County up to the normal pool elevation of 2372.2 feet (impounds White River)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Sources; PS - Drought-Related Impacts

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources; PS - Drought-Related Impacts

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 mi near Hwy 83*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1241A North Fork Double Mountain Fork Brazos River

Perennial stream from the confluence with Double Mountain Fork Brazos River upstream to the confluence with Yellow House Draw and Blackwater Draw, excluding Lake Ransom Canyon and Buffalo Springs Lake

AUID: 1241A_01 *Appendix D, Perennial stream from the confluence with Double Mountain Fork Brazos River upstream to the dam forming Lake Ransom Canyon*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Livestock (Grazing or Feeding Operations); PS - Unknown Point Source

AUID: 1241A_02 *From the confluence with Buffalo Springs Lake upstream to the confluence with Yellow House Draw and Blackwater Draw*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Livestock (Grazing or Feeding Operations); PS - Unknown Point Source

SEGID: 1241B Lake Alan Henry

Impounded Double Mountain Fork Brazos Rive, 20.0 mi south east of Post in Garza and Kent Counties.

AUID: 1241B_01 *Impounded Double Mountain Fork Brazos Rive, 20.0 mi south east of Post in Garza and Kent Counties.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

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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_01 Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
AUID: 1242_02 Portion of Brazos River from confluence with Thompson's Creek in Brazos County upstream to confluence with Little River in Milam County			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source
AUID: 1242_04 Portion of Brazos River from confluence with Pond Creek in Milam County upstream to confluence with Deer Creek in Falls County			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source
AUID: 1242_05 Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
AUID: 1242_06 Portion of Brazos River from confluence with Tehuacana Creek in McLennan County upstream to Lake Brazos Dam in McLennan County			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1242B Cottonwood Branch

Intermittent stream with perennial pools from the confluence with Still Creek upstream 0.95 km to the confluence with an unnamed tributary

AUID: 1242B_01 *Portion of Cottonwood Branch from confluence with Still Creek upstream to unnamed tributary (NHD RC 12070101000835) in Brazos County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unknown Point Source

AUID: 1242B_02 *Portion of Cottonwood Branch from confluence with unnamed tributary (NHD RC 12070101000835) upstream to headwaters in Brazos County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; PS - Unknown Point Source

SEGID: 1242C Still Creek

Perennial stream from the confluence with Thompson's Creek upstream to the headwaters in Brazos County near US 190

AUID: 1242C_02 *Portion of Still Creek from confluence with Cottonwood Branch upstream to headwaters in Brazos County near US 190.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1242D Thompsons Creek

Thompsons Creek - from the confluence of the Brazos River upstream to the confluence of Thompson's Branch, north of FM 1687

AUID: 1242D_01 *Thompsons Creek an Appendix D perennial stream from the confluence of the Brazos River upstream to the confluence of Still Creek in Brazos County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Unknown Point Source
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Unknown Point Source
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Unknown Point Source
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

AUID: 1242D_02 *Thompsons Creek an Appendix D intermittent stream with perennial pools from the confluence of Still Creek upstream to the confluence of Thompson's Branch, north of FM 1687*

Bacteria Geomean	NS	E. coli	NPS - Natural Sources; NPS - Non-Point Source
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Natural Sources
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Unknown Point Source
Nutrient Screening Levels	CS	Ammonia	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; PS - Unknown Point Source
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	UNK - Source Unknown
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources

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SEGID: 1242F **Pond Creek**
 Perennial stream from the confluence with the Brazos River in Milam County upstream to the headwaters 0.18 km north of FM 935 in Bell County

AUID: 1242F_01 *From the Brazos confluence upstream to Live Oak Creek confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1242H **Tradinghouse Reservoir**
 Impounded Tradinghouse Creek, within the city of Hallsburg, McLennan County

AUID: 1242H_01 *Impounded Tradinghouse Creek, within the city of Hallsburg, McLennan County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	PS - Industrial Point Source Discharge

SEGID: 1242I **Campbells Creek**
 From the confluence with the Little Brazos River upstream to the headwaters, one mi west of Old San Antonio Road

AUID: 1242I_01 *From the confluence with the Little Brazos River upstream to the headwaters, one mi west of Old San Antonio Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

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SEGID: 1242J

Deer Creek

Deer Creek - perennial stream from the confluence of the Brazos River upstream to the confluence of Dog Branch northwest of Lott

AUID: 1242J_01 *Deer Creek an Appendix D perennial stream from the confluence of the Brazos River upstream to the confluence of Dog Branch northwest of Lott*

Assessment Method

Macrobenthic community
(Qualitative)

LOS

CN

Parameter

Macrobenthic
Community

Sources

UNK - Source Unknown

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Confined Animal Feeding Operations
(NPS); NPS - Non-Point Source

SEGID: 1242K

Mud Creek

From confluence with the Little Brazos River, upstream to the confluence with Touchstone Branch and Wolf Den Branch, in Robertson County

AUID: 1242K_01 *From confluence with the Little Brazos River, upstream to the confluence with Touchstone Branch and Wolf Den Branch, in Robertson County*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Confined Animal Feeding Operations
(NPS); NPS - Non-Point Source

SEGID: 1242L

Pin Oak Creek

From the confluence with the Little Brazos River in Robertson County upstream to the headwaters, 2.07 mi south of Franklin

AUID: 1242L_01 *From the confluence with the Little Brazos River in Robertson County upstream to the headwaters, 2.07 mi south of Franklin*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Confined Animal Feeding Operations
(NPS); NPS - Non-Point Source

SEGID: 1242M

Spring Creek

From the confluence with the Little Brazos River in Robertson County, upstream to the headwaters, 1.5 mi north of FM 391

AUID: 1242M_01 *From the confluence with the Little Brazos River in Robertson County, upstream to the headwaters, 1.5 mi north of FM 391*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Confined Animal Feeding Operations
(NPS); NPS - Non-Point Source

Assessment Method

Dissolved Oxygen grab
screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Confined Animal Feeding Operations
(NPS); NPS - Non-Point Source

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SEGID: 1242N Tehuacana Creek

From the confluence with the Brazos River in McLennan county upstream to the headwaters 2 mi 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - Wildlife Other Than Waterfowl
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	PS - Industrial Point Source Discharge

SEGID: 1242O Walnut Creek

From the confluence with the Little Brazos River in Robertson County, upstream to the headwaters, one mi south of White Rock

AUID: 1242O_01 *From the confluence with the Little Brazos River in Robertson County, upstream to the headwaters, one mi south of White Rock*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

SEGID: 1242P Big Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

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SEGID: 1242Q Bull Hide Creek

From the confluence with the Brazos River in Falls County upstream to its headwaters, 1.5 km west of Waco in McLennan County.

AUID: 1242Q_01 *Portion of Bull Hide Creek from the confluence with the Brazos River in Falls county upstream to the confluence with unnamed tributary (NHD RC 12070101002570) in McLennan County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems)

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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_01 *From the confluence of the San Gabriel River upstream to the confluence of Mustang Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source

AUID: 1244_03 *From the confluence of Cottonwood Creek upstream to the confluence of Lake Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Municipal Point Source Discharges

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SEGID: 1245

Upper Oyster Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Municipal (Urbanized High Density Area); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Municipal (Urbanized High Density Area); PS - Municipal Point Source Discharges

AUID: 1245_02 *From Dam #3 upstream to Harmon St. crossing in Sugar Land*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Agriculture; NPS - Channelization; NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Surface Water Diversions; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Agriculture; NPS - Channelization; NPS - Impacts From Hydrostructure Flow Regulation/Modification; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Surface Water Diversions; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling

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SEGID: 1245

Upper Oyster Creek

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_03 *From Harmon St. crossing in Sugar Land upstream to the end of the segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGID: 1245A

Red Gully

Perennial stream from the confluence with Oyster Creek upstream to the confluence with two unnamed tributaries 0.1 km east of Clodine Road

AUID: 1245A_01 *Perennial stream from the confluence with Oyster Creek upstream to 1.7 km upstream of Old Richmond Road; App D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

SEGID: 1245C

Bullhead Bayou

From its confluence with Steep Bank Creek in Fort Colony, upstream to its headwaters in Pecan Grove in Fort Bend County

AUID: 1245C_01 *From its confluence with Steep Bank Creek in Fort Colony, upstream to its headwaters in Pecan Grove in Fort Bend County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area)

SEGID: 1245D

Unnamed Tributary of Bullhead Bayou

Tributary to Bullhead Bayou in Fort Bend County

AUID: 1245D_01 *Tributary to Bullhead Bayou in Fort Bend County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area)

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SEGID: 1245E Flewellen Creek

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 *From the confluence with Oyster Creek upstream to the confluence with two unnamed tributaries, 0.3 km east of Fulshear in Fort Bend county.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Municipal (Urbanized High Density Area)

SEGID: 1245F Alcorn Bayou

From the confluence with Steep Bank Creek upstream to its headwaters 0.5km east of Pecan Grove in Fort Bend county

AUID: 1245F_01 *From the confluence with Steep Bank Creek upstream to its headwaters 0.5km east of Pecan Grove in Fort Bend county*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area)

SEGID: 1245I Steep Bank Creek

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 *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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source

SEGID: 1245J Stafford Run

From the confluence with Upper Oyster Creek upstream to headwaters near Stafford, Fort Bend County.

AUID: 1245J_01 *From the confluence with Upper Oyster Creek upstream to headwaters near Stafford, Fort Bend County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Municipal (Urbanized High Density Area)

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SEGID: 1246 Middle Bosque/South Bosque River

Middle Bosque River from a point 1.64 km (1.02 mi) from the confluence with the South Bosque River to the confluence of Cave Creek and Middle Bosque Creek and for the South Bosque River from a point 1.35 km (0.84 mi) from the confluence of the Middle Bosq

AUID: 1246_01 Entire Middle Bosque River

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Natural Sources

AUID: 1246_02 Entire South Bosque River

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Natural Sources

SEGID: 1246D Tonk Creek

From the confluence with Middle Bosque River in Crawford (McLennan County), upstream to the headwaters in Coryell County, 1.0 mi west of FM 929

AUID: 1246D_02 From the confluence of an unnamed tributary 1.0 km upstream of FM 185 near Tonkawa Falls Park upstream to the headwaters in Coryell County, 1.0 mi west of FM 929

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Natural Sources

SEGID: 1246E Wasp Creek

From the confluence with Tonk Creek in Crawford in McLennan County, upstream to the headwaters in Coryell County, 0.15 mi east of FM 185

AUID: 1246E_01 From the confluence with Tonk Creek in Crawford in McLennan County, upstream to the headwaters in Coryell County, 0.15 mi east of FM 185

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Natural Sources; NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

SEGID: 1247A Willis Creek

From the confluence with the headwaters of Granger Lake in Williamson County to CR 313 in Williamson County

AUID: 1247A_01 From the confluence with the headwaters of Granger Lake in Williamson County to CR 313 in Williamson County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

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SEGID: 1248B Huddleston Branch

From the confluence with Mankins Branch in Williamson County to a point 1 km upstream of CR 105 in Williamson County

AUID: 1248B_01 *From the confluence with Mankins Branch in Williamson County to a point 1 km upstream of CR 105 in Williamson County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Natural Sources; UNK - Source Unknown

SEGID: 1248C Mankins Branch

Perennial stream from the confluence with the San Gabriel River in Williamson County to the intersection of CR 105 and 104 in Williamson County

AUID: 1248C_01 *Perennial stream from the confluence with the San Gabriel River in Williamson County to the intersection of CR 105 and 104 in Williamson County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

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

AUID: 1250_03 *From the confluence with unnamed tributary (NHD RC 12070205002505) upstream to headwaters of water body.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Post-Development Erosion And Sedimentation; NPS - Streambank Modifications/Destabilization

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SEGID: 1252

Lake Limestone

From Sterling C. Robertson Dam in Leon/Robertson County to a point 2.3 km (1.4 mi) downstream of SH 164 in Limestone County, up to normal pool elevation of 363 feet (impounds Navasota River)

AUID: 1252_02 *Main body of lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	CN	pH	UNK - Source Unknown

AUID: 1252_03 *Lambs Creek arm on east side of lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	pH	UNK - Source Unknown

SEGID: 1253

Navasota River Below Lake Mexia

From a point 2.3 km (1.4 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source

AUID: 1253_02 *From confluence with Plummer's Creek upstream to Springfield Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources

SEGID: 1253A

Springfield Lake

Impoundment of Navasota River below Lake Mexia in Limestone County.

AUID: 1253A_01 *Impoundment of Navasota River below Lake Mexia in Limestone County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown

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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_03 *Hackberry Creek arm on the east*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Arsenic	UNK - Source Unknown

SEGID: 1254A **Hackberry Creek**
 From its confluence with Aquilla Reservoir, upstream to its headwaters 1.3 mi 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

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SEGID: 1255

Upper North Bosque River

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

AUID: 1255_01 *Portion of Upper North Bosque River from confluence with Indian Creek upstream to confluence with Dry Branch in Erath County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	NS	Algae	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); PS - Municipal Point Source Discharges

AUID: 1255_02 *Portion of Upper North Bosque River from confluence with Dry Branch upstream to confluence with North/South Forks North Bosque River in Erath County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	NPS - Confined Animal Feeding Operations (NPS); PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	NS	Algae	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Confined Animal Feeding Operations (NPS); PS - Drought-Related Impacts

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SEGID: 1255A Goose Branch

From the confluence with the south fork of the North Bosque River 2.5 mi (4.0 km) west of Stephenville, upstream to the headwaters 0.5 mi (0.8 km) north of FM 8 in Erath County

AUID: 1255A_01 *From the confluence with the south fork of the North Bosque River 2.5 mi (4.0 km) west of Stephenville, upstream to the headwaters 0.5 mi (0.8 km) north of FM 8 in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

SEGID: 1255B North Fork Upper North Bosque River

From the confluence with the South Fork of the Upper North Bosque River in Stephenville, upstream to the headwaters, 2.0 mi north of FM 219

AUID: 1255B_01 *From the confluence with the South Fork of the Upper North Bosque River in Stephenville, upstream to the headwaters, 2.0 mi north of FM 219*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source

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SEGID: 1255C Scarborough Creek

From the confluence with the North Fork of the upper North Bosque River, upstream to the headwaters 0.1 mi (0.2 km) southeast of FM 219 in Erath County

AUID: 1255C_01 *From the confluence with the North Fork of the upper North Bosque River, upstream to the headwaters 0.1 mi (0.2 km) southeast of FM 219 in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

SEGID: 1255D South Fork North Bosque River

From the confluence with the North Fork of the upper North Bosque River in Stephenville, upstream to the headwaters 3 mi (4.8 km) north of FM 219 in Erath County

AUID: 1255D_01 *From the confluence with the North Fork of the upper North Bosque River in Stephenville, upstream to the headwaters 3 mi (4.8 km) north of FM 219 in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Natural Sources; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling

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SEGID: 1255E Unnamed Tributary of Goose Branch

From the confluence with Goose Branch in Erath County to its headwaters, 0.2 mi southeast of the intersection of FM 8 and Farm Road 1219

AUID: 1255E_01 *From the confluence with Goose Branch in Erath County to its headwaters, 0.2 mi southeast of the intersection of FM 8 and Farm Road 1219*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source

SEGID: 1255G Woodhollow Branch

From the confluence with the South Fork of the North Bosque River, 6 mi northwest of Stephenville, upstream to the headwaters, 1.5 mi north of FM 219 in Erath County

AUID: 1255G_01 *From the confluence with the South Fork of the North Bosque River, 6 mi northwest of Stephenville, upstream to the headwaters, 1.5 mi north of FM 219 in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1255H South Fork Upper North Bosque River Reservoir

Impoundment of South Fork Upper North Bosque River, 8 mi north west of Stephenville in Erath County

AUID: 1255H_01 *Impoundment of South Fork Upper North Bosque River, 8 mi north west of Stephenville in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Confined Animal Feeding Operations (NPS); PS - Drought-Related Impacts

SEGID: 1255I Dry Branch

From its confluence with the Upper North Bosque River, upstream to its headwaters 2.3 mi east of SH 106 in Erath County

AUID: 1255I_01 *From its confluence with the Upper North Bosque River, upstream to its headwaters 2.3 mi east of SH 106 in Erath County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

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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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling

AUID: 1256_03 *Bosque River portion of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Dam or Impoundment

SEGID: 1259

Leon River Above Belton Lake

From a point 100 meters (110 yards) upstream of FM 236 in Coryell County to a point immediately upstream of the confluence with Plum Creek in Coryell County

AUID: 1259_01 *Portion of Leon River from confluence with Lake Belton upstream to confluence with Cottonwood Creek approximately 2.8 km south of Gatesville in Coryell County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling

AUID: 1259_02 *Portion of Leon River from confluence with Cottonwood Creek approximately 2.8 km south of Gatesville upstream to the confluence with Stillhouse Branch in Coryell County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS)

AUID: 1259_03 *From the confluence with Stillhouse Creek upstream to a point immediately upstream of the confluence with Plum Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Confined Animal Feeding Operations (NPS); NPS - Internal Nutrient Recycling

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Confined Animal Feeding Operations (NPS); NPS - Non-Point Source

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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 mi) upstream of SH 35 in Brazoria County

AUID: 1301_01 *From the confluence with the Intracoastal Waterway in Brazoria County to a point 3.2 km (2.0 mi) upstream of SH 35 in Brazoria County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 1302

San Bernard River Above Tidal

From a point 3.2 km (2.0 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	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 Coughatta Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 1302A Gum Tree Branch

From the confluence with West Bernard Creek near Wharton CR 252 to the headwaters approximately 15 mi upstream near RR 102

AUID: 1302A_01 *From the confluence with West Bernard Creek near Wharton CR 252 to the headwaters approximately 15 mi upstream near RR 102*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1302B West Bernard Creek

From the confluence with the San Bernard River Above Tidal downstream of US highway 59 to the headwaters approximately 40 mi upstream near FM 1093

AUID: 1302B_01 *From the confluence with the San Bernard River Above Tidal to the confluence with Clarks Branch*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source

AUID: 1302B_02 *From the confluence with Clarks Branch to the upper end of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source

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SEGID: 1302D Peach Creek

From the confluence with the San Bernard River in Wharton Co. to the headwaters approximately 8 km upstream of FM-102 in Wharton Co.

AUID: 1302D_01 *From the confluence with the San Bernard River in Wharton Co. to the headwaters approximately 8 km upstream of FM-102 in Wharton Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 1302E Mound Creek

From the confluence with the San Bernard River in Brazoria Co. to the headwaters approximately 400 m upstream of TX Hwy 36 in Ft. Bend Co.

AUID: 1302E_01 *From the confluence with the San Bernard River in Brazoria Co. to the headwaters approximately 400 m upstream of TX Hwy 36 in Ft. Bend Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; 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 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown

AUID: 1304_02 *From the confluence with Dead Slough to the upstream end of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 1304A Linnville Bayou

From the confluence with Caney Creek in Matagorda County upstream to a point 0.7 km above SH 35 in Brazoria/Matagorda Counties

AUID: 1304A_01 *Intermittent stream with perennial pools from a point 1.1 km above the confluence with Caney Creek in Matagorda County upstream to a point 0.1 km above SH 35 in Brazoria/Matagorda counties; AppD*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1305 Caney Creek Above Tidal

From a point 1.9 km (1.2 mi) upstream of the confluence of Linnville Bayou in Matagorda County to the confluence of Water Hole Creek in Matagorda County

AUID: 1305_02 *From the confluence with Hardeman Slough to the confluence with Snead Slough*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Channelization

AUID: 1305_03 *From the confluence with Snead Slough in Matagorda Co. to the upper end of segment at the confluence with Water Hole Creek in Matagorda Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 1305A **Hardeman Slough**

From the confluence with Caney Creek to 0.3 km upstream of Matagorda County Rd 110

AUID: 1305A_01 *Perennial stream from the confluence with Caney Creek upstream to the confluence with an unnamed tributary approximately 1.9 km downstream of FM 3156 near the City of Van Vleck; Appendix D*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 1305B **Caney Creek Above Water Hole Creek**

From the confluence with Water Hole Creek in Matagorda Co. (at the upper end of Segment 1305) to the headwaters approximately 43 mi at Old Caney Rd. in Wharton Co.

AUID: 1305B_01 *From the confluence with Water Hole Creek in Matagorda Co. (at the upper end of Segment 1305) to the headwaters approximately 43 mi at Old Caney Rd. in Wharton Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Agriculture; NPS - Wildlife Other Than Waterfowl

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Agriculture

SEGID: 1401 **Colorado River Tidal**

Colorado River Tidal - from the confluence with Matagorda Bay due to a diversion channel in Matagorda County to a point 2.1 km (1.3 mi) downstream of the Missouri-Pacific Railroad in Matagorda County

AUID: 1401_01 *Colorado River Tidal - from the confluence with Matagorda Bay due to a diversion channel in Matagorda County to a point 2.1 km (1.3 mi) downstream of the Missouri-Pacific Railroad in Matagorda County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture

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SEGID: 1402

Colorado River below La Grange

From a point 2.1 km (1.3 mi) 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 mi) downstream of the Missouri-Pacific Railroad in Matagorda County upstream to the confluence of Blue Creek in Matagorda County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source

AUID: 1402_06 *From the confluence of Cummins Creek northeast of Columbus in Colorado County upstream to confluence of Williams Creek in Fayette County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture

SEGID: 1402A

Cummins Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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SEGID: 1402C Buckners Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1402H Skull Creek

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 *From the confluence with the Colorado River west of Eagle Lake in Colorado County to the upstream perennial portion southwest of Columbus*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Sand/Gravel/Rock Mining or Quarries; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Silviculture, Fire Suppression; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Sand/Gravel/Rock Mining or Quarries; UNK - Source Unknown

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Natural Sources

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SEGID: 1403A Bull Creek

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_03 *From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1403A_04 *From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove cemetery*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1403B West Bull Creek

From the confluence of Bull Creek at FM 2222 and Lakewood Drive in Austin in Travis County upstream to a point north of FM 2222 in Travis County

AUID: 1403B_01 *From the confluence of Bull Creek at FM 2222 and Lakewood Drive in Austin in Travis County upstream to a point north of FM 2222 in Travis County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1403D Barrow Preserve Tributary

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 *From the confluence of Stillhouse Hollow south of Loop 360 in Austin in Travis County upstream to the headsprings in Barrow Nature Preserve*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 1403E Stillhouse Hollow

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 *From the confluence of Bull Creek south of Loop 360 in Austin in Travis County upstream to the headsprings in Stillhouse Hollow Nature Preserve*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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SEGID: 1403J Spicewood Tributary to Shoal Creek

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 1403K Taylor Slough South

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 1403R Westlake-Davenport Tributary to Lake Austin

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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 681.6 fe

AUID: 1404_10 *Bee Creek Arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources

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SEGID: 1404A Hamilton Creek

From the confluence with Lake Travis upstream to the headwaters near the intersection of CR 110 and Threadgill Ranch Road northwest of Burnet in Burnet County

AUID: 1404A_03 *From the confluence of Haynie Branch upstream to the headwaters near the intersection of CR 110 and Threadgill Ranch Road northwest of Burnet in Burnet County*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source; UNK - Source Unknown

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*

Assessment Method

Toxic Substances in sediment

LOS

CS

Parameter

Manganese

Sources

NPS - Natural Sources

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SEGID: 1407A **Clear Creek**

From the confluence with Inks Lake in Burnet County west of Burnet upstream to a point 2 mi (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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Zinc (dissolved)	NPS - Impacts From Abandoned Mine Lands (Inactive)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Low pH	NS	pH	NPS - Impacts From Abandoned Mine Lands (Inactive)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Impacts From Abandoned Mine Lands (Inactive)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Cadmium	NPS - Impacts From Abandoned Mine Lands (Inactive)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Nickel (dissolved)	NPS - Impacts From Abandoned Mine Lands (Inactive)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper (dissolved)	NPS - Impacts From Abandoned Mine Lands (Inactive)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	NS	Aluminum (dissolved)	NPS - Impacts From Abandoned Mine Lands (Inactive)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Impacts From Abandoned Mine Lands (Inactive)

SEGID: 1409 **Colorado River Above Lake Buchanan**

From a point immediately upstream of the confluence of Yancey Creek in Burnet/San Saba/Lampasas County to the confluence of the San Saba River in San Saba County

AUID: 1409_02 *From the confluence with Cherokee Creek upstream to the confluence of the San Saba River*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 1410

Colorado River Below O. H. Ivie Reservoir

From the confluence of the San Saba River in San Saba County to S. W. Freese Dam in Coleman/Concho County

AUID: 1410_03 *From the confluence of Indian Creek upstream to the confluence of Bull Creek*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source; PS - Unknown Point Source

AUID: 1410_04 *From the confluence of Bull Creek upstream to O.H. Ivie Reservoir dam*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source; UNK - Source Unknown

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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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Sources; PS - Drought-Related Impacts

AUID: 1411_02 *From the Rough Creek arm upstream to the confluence of Little Silver Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Sources; PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

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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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1412_03 *From the dam below Barber Reservoir pump station upstream to the confluence of Deep Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1412A

Lake Colorado City

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 *From Lake Colorado City Dam up to normal pool elevation of 2070.0 feet southwest of Colorado City in Mitchell County (impounds Morgans Creek)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

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SEGID: 1412B

Beals Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Grazing In Riparian or Shoreline Zones; PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1412B_03 *From the confluence of Guthrie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Natural Sources; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Grazing In Riparian or Shoreline Zones; NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Natural Sources; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Natural Sources; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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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 *From Colorado River Dam in Scurry County up to normal pool elevation of 2258 feet (impounds Colorado River)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources; NPS - Petroleum/Natural Gas Activities; NPS - Rangeland Grazing; NPS - Shallow Lake/Reservoir; PS - Drought-Related Impacts
Dissolved Solids	NS	Sulfate	NPS - Natural Sources; NPS - Petroleum/Natural Gas Activities; NPS - Rangeland Grazing; NPS - Shallow Lake/Reservoir; PS - Drought-Related Impacts
Dissolved Solids	NS	Chloride	NPS - Natural Sources; NPS - Petroleum/Natural Gas Activities; NPS - Rangeland Grazing; NPS - Shallow Lake/Reservoir; PS - Drought-Related Impacts

SEGID: 1414B

Cypress Creek

From the confluence with the Pedernales River west of Austin to the upstream perennial portion west of Round Mountain in Blanco County

AUID: 1414B_01 *From the confluence with the Pedernales River west of Austin to the upstream perennial portion west of Round Mountain in Blanco County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Livestock (Grazing or Feeding Operations); NPS - Non-Point Source

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SEGID: 1416A **Brady Creek**

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Municipal Point Source Discharges

AUID: 1416A_03 *From FM 714 upstream to Brady Lake dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 1416C **Brady Creek above Brady Creek Reservoir**

From the confluence of an unnamed tributary 2.5 km (1.5 mi) downstream of the Cow Creek confluence in McCulloch County upstream the headwaters 22.5 km (14 mi) southwest of Eden in Concho County

AUID: 1416C_01 *From the confluence of an unnamed tributary 2.5 km (1.5 mi) downstream of the Cow Creek confluence in McCulloch County upstream to the confluence of Harden Branch in Concho County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1417 **Lower Pecan Bayou**

From the confluence with the Colorado River in Mills County to a point immediately upstream of the confluence of Mackinally Creek in Brown County

AUID: 1417_01 *From the confluence with the Colorado River in Mills County to a point immediately upstream of the confluence of Mackinally Creek in Brown County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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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 1425 feet (impounds Pecan Bayou)

AUID: 1418_01 *Mid-lake near dam*

Assessment Method

Toxic Substances in sediment

LOS

CS

Parameter

Manganese

Sources

NPS - Natural Sources

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 mi*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source; PS - Unknown Point Source

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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SEGID: 1421

Concho River

From a point 2 km (1.2 mi) 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_01 *Downstream end to Chandler Lake confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1421_02 *From Chandler Lake confluence upstream to confluence of Puddle Ck.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1421_03 *From the confluence of Puddle Creek upstream to the confluence of Willow Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1421_04 *From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1421_05 *From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1421_06 *From the confluence of Red Creek upstream to the dam near Vines Rd.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown

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SEGID: 1421

Concho River

From a point 2 km (1.2 mi) 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_07 *From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1421_08 *North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 1421A

Dry Hollow Creek

From the confluence with the Concho River west of Paint Rock in Concho County to the headwaters at US 87

AUID: 1421A_01 *From the confluence with the Concho River west of Paint Rock in Concho County to the headwaters at US 87*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

SEGID: 1421C

Lipan Creek

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 mi of creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Grazing In Riparian or Shoreline Zones; NPS - Natural Sources; PS - Drought-Related Impacts

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Grazing In Riparian or Shoreline Zones; NPS - Natural Sources; PS - Drought-Related Impacts

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1424 Middle Concho/South Concho River

From a point 4.0 km (2.5 mi) downstream of FM 2335 to the confluence of Bois d' Arc Draw on the South Concho River, and from a point 100 meters (110 yards) upstream of US 67 to the confluence of Three Bluff Draw and Indian Creek on the Middle Concho River

AUID: 1424_01 *South Concho River from a point 4 km (2.5 mi) downstream of FM 2335 upstream to the confluence of Bois D'Arc Draw in Tom Green County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Natural Sources

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 *From San Angelo Dam in Tom Green County up to normal pool elevation of 1908 feet (impounds North Concho River)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources; PS - Drought-Related Impacts
Dissolved Solids	NS	Chloride	NPS - Natural Sources; NPS - Yard Maintenance
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Shallow Lake/Reservoir; PS - Drought-Related Impacts
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Shallow Lake/Reservoir; PS - Drought-Related Impacts

SEGID: 1425A North Concho River

From the headwaters of OC Fisher Lake near San Angelo in Tom Green County upstream to the Glasscock/Howard County line

AUID: 1425A_02 *Sterling County line to SH 163*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

2018 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 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

AUID: 1426_02 *Country Club Lake to Coke County line*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources

AUID: 1426_03 *Coke County line to SH 208*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources

AUID: 1426_04 *SH 208 to dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1426B

Elm Creek

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 *Perennial stream from the confluence with the Colorado River upstream to the dam approximately 300 meters downstream of US Highway 67*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Grazing In Riparian or Shoreline Zones;
NPS - Non-Point Source

AUID: 1426B_02 *From the dam approximately 300 meters downstream of US Highway 67 upstream to the Lake Winters dam east of Winters in Runnels County*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Grazing In Riparian or Shoreline Zones;
NPS - Non-Point Source

SEGID: 1426C

Bluff Creek

From the confluence with Elm Creek in Runnels County upstream to a point 1 mi east of US Hwy 277 in Taylor County.

AUID: 1426C_01 *From the confluence with Elm Creek upstream to the confluence of Mill Creek*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGID: 1426D

Coyote Creek

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 *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.*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1427

Onion Creek

From the confluence with the Colorado River in Travis County to the most upstream crossing of FM 165 in Blanco County

AUID: 1427_03 *From FM 967 upstream to Jackson Branch confluence*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Sulfate

Sources

PS - Drought-Related Impacts

AUID: 1427_04 *From Jackson Branch confluence to end of segment*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Sulfate

Sources

PS - Drought-Related Impacts

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1427A Slaughter Creek

Intermittent stream with perennial pools from the confluence with Onion Creek to above US 290 west of Austin

AUID: 1427A_01 *Intermittent stream with perennial pools from the confluence with Onion Creek to above US 290 west of Austin*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	NS	Macrobenthic Community	NPS - Natural Sources; UNK - Source Unknown

SEGID: 1427G Granada Hills Tributary to Slaughter Creek

Unnamed tributary from the confluence of Slaughter Creek in Travis County upstream to La Fauna Path in Travis County

AUID: 1427G_01 *Unnamed tributary from the confluence of Slaughter Creek in Travis County upstream to La Fauna Path in Travis County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1428 Colorado River Below Lady Bird Lake (formerly 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1428B

Walnut Creek

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.*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers; PS - Unknown Point
Source; UNK - Source Unknown

AUID: 1428B_03 *From old Manor Road upstream to Dessau Road*

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

NPS - Non-Point Source; UNK - Source Unknown

AUID: 1428B_04 *From Dessau Rd. upstream to MoPac/Loop 1*

Assessment Method

Macrobenthic community
(Qualitative)

LOS

CN

Parameter

Macrobenthic
Community

Sources

NPS - Non-Point Source; PS - Unknown Point
Source; UNK - Source Unknown

AUID: 1428B_05 *From MoPac/Loop 1 upstream to Union Pacific Railroad tracks south of McNeil Drive*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers; PS - Unknown Point
Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1428C

Gilleland Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - ; NPS - Agriculture; NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

AUID: 1428C_02 *From Taylor Lane upstream to Old Highway 20*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges

AUID: 1428C_03 *From Old Highway 20 to Cameron Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - ; NPS - Agriculture; NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1428C_04 *From Cameron Road to the spring source*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - ; NPS - Agriculture; NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1429

Lady Bird Lake (formerly 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*

Assessment Method

Toxic Substances in sediment

LOS

CS

Parameter

Dibenz(a,h)anthracene

Sources

NPS - Impervious Surface/Parking Lot Runoff;
NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers; PS - Unknown Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1429C

Waller Creek

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.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Municipal (Urbanized High Density Area);
NPS - Non-Point Source; PS - Unknown Point
Source; UNK - Source Unknown

Assessment Method

Macrobenthic community
(Qualitative)

LOS

NS

Parameter

Macrobenthic
Community

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1429C

Waller Creek

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_02 *From East MLK Blvd. to East 41st Street*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Pyrene	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Phenanthrene	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Lead	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Fluoranthene	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Dibenz(a,h)anthracene	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Chrysene	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Benzo(a)anthracene	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Benzo(a)pyrene	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1429D East Bouldin Creek

From the confluence of Town Lake in Austin in Travis County upstream to SH 71 in south Austin in Travis County

AUID: 1429D_01 From the confluence of Town Lake in Austin in Travis County upstream to SH 71 in south Austin in Travis County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Cadmium	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Pyrene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Phenanthrene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Lead	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Chrysene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Benzo(a)anthracene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Fluoranthene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Dibenz(a,h)anthracene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1430

Barton Creek

From the confluence with Lady Bird Lake (formerly Town Lake) in Travis County to FM 12 in Hays County

AUID: 1430_02 *From Barton Springs Pool upstream dam to a point 2 mi upstream of Loop 1*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
LOE Toxic Sediment condition	CN	Sediment Toxicity (LOE)	NPS - Impervious Surface/Parking Lot Runoff; NPS - Municipal (Urbanized High Density Area)

AUID: 1430_04 *SH 71 upstream to Hays County Line*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1430A

Barton Springs

Barton Springs 0.4 mi upstream of Barton Springs Road in Austin in Travis County

AUID: 1430A_01 *Barton Springs Pool - entire water body*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
LOE Toxic Sediment condition	CN	Sediment Toxicity (LOE)	NPS - Impervious Surface/Parking Lot Runoff; NPS - Municipal (Urbanized High Density Area)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	PS - Drought-Related Impacts

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Agriculture; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1432

Upper Pecan Bayou

From a point immediately upstream of the confluence of Willis Creek in Brown County to Lake Brownwood Dam in Brown County

AUID: 1432_01 *From a point immediately upstream of the confluence of Willis Creek in Brown County to Lake Brownwood Dam in Brown County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

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 Uteley in Bastrop County

AUID: 1434_01 *From a point 100 m downstream of SH 71 upstream to the Southern Pacific Railroad crossing*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1434_02 *Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1434_03 *From the confluence of Reeds Creek west of Smithville upstream to the end of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1434B

Cedar Creek

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 *Perennial stream from the confluence with the Colorado River upstream to the confluence of an unnamed tributary at FM 525 in Bastrop County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1434D

Wilbarger Creek

Wilbarger Creek from the confluence of the Colorado River at Hemphill Bend in Bastrop County upstream to Schultz lane east of Pflugerville Heights in Travis County

AUID: 1434D_01 *From the confluence with the Colorado River at Hemphill Bend in Bastrop County upstream to the confluence with Cottonwood Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

AUID: 1434D_02 *From the confluence with Cottonwood Creek upstream to Schultz lane east of Pflugerville Heights in Travis County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1434E

Big Sandy Creek

Big Sandy Creek from the confluence of the Colorado River in Bastrop County upstream to a point east of CR 302 near Sundbeck Ranch Airport in Lee County

AUID: 1434E_01 *From the confluence of the Colorado River in Bastrop County upstream to a point east of CR 302 near Sundbeck Ranch Airport in Lee County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1434G Alum Creek

From the confluence with the Colorado River in Bastrop County upstream to the headwaters near US 290 approximately 3.5 km southwest of McDade in Bastrop County

AUID: 1434G_01 *From the confluence with the Colorado River in Bastrop County upstream to the headwaters near US 290 approximately 3.5 km southwest of McDade in Bastrop County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 1501 Tres Palacios Creek Tidal

From the confluence with Tres Palacios Bay in Matagorda County to a point 1.6 km (1.0 mi) 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 a point 1.6 km (1.0 mi) upstream of the confluence of Wilson Creek in Matagorda County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Agriculture; NPS - Crop Production (Irrigated)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Agriculture; NPS - Crop Production (Irrigated)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Agriculture; NPS - Crop Production (Irrigated)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Crop Production (Irrigated)

SEGID: 1502 Tres Palacios Creek Above Tidal

From a point 1.6 km (1.0 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Agriculture; NPS - Non-Point Source

AUID: 1502_03 *Lower portion of segment from a point 1.6 km (1.0 mi) upstream of the confluence of Wilson Creek upstream to confluence with Wallace Creek Matagorda County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1601C Dry Creek

From the confluence of Lavaca River Tidal upstream to three mi north of the City of Edna

AUID: 1601C_01 *From the confluence of Lavaca River Tidal upstream to three mi north of the City of Edna*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 1602 Lavaca River Above Tidal

From a point 8.6 km (5.3 mi) downstream of US 59 in Jackson County to the confluence of Campbell Branch west of Hallettsville in Lavaca County

AUID: 1602_02 *From the confluence of Beard Branch upstream to the upper end of segment at the confluence of Campbell Branch in Hallettsville.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1602B Rocky Creek

Perennial stream from the confluence with the Lavaca River upstream to 2.9 km upstream of County Rd 364 north west of the City of Shiner

AUID: 1602B_01 *From the confluence of Lavaca River upstream to confluence of Ponton Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1602C **Lavaca River Above Campbell Branch**
 From the confluence of Campbell Branch in Hallettsville to approximately 3.4 mi upstream of SH 95 in Lavaca Co.

AUID: 1602C_01 *From confluence of Campbell Branch in Hallettsville upstream to the confluence of West Prong Lavaca River*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	PS - Drought-Related Impacts

AUID: 1602C_02 *From confluence of West Prong Lavaca River to the headwaters approximately 6.5 km upstream of TX Hwy 95 in the City of Moulton*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	PS - Drought-Related Impacts

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 *From the confluence with San Antonio Bay in Calhoun County to Victoria Turning Basin in Victoria County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source

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 mi) downstream of the confluence of the San Antonio River in Calhoun/Refugio County

AUID: 1801_01 *From the confluence with Guadalupe Bay in Calhoun/Refugio County to the Guadalupe-Blanco River Authority Salt Water Barrier 0.7 km (0.4 mi) downstream of the confluence of the San Antonio River in Calhoun/Refugio County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1802 **Guadalupe River Below San Antonio River**

From the GBRA Salt Water Barrier 0.7 km (0.4 mi) 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/Victoria County

AUID: 1802_01 *From the GBRA Salt Water Barrier 0.7 km (0.4 mi) 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/Victoria County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown

SEGID: 1803 **Guadalupe River Below San Marcos River**

From the a point immediately upstream of the confluence of the San Antonio River in Calhoun/Refugio/Victoria County to a point immediately upstream to the confluence of the San Marcos River in Gonzales

AUID: 1803_01 *Lower 25 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

AUID: 1803_04 *From 25 mi upstream of confluence with Coleta Creek to confluence with Sandies Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 1803A **Elm Creek**

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1803B

Sandies Creek

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	NS	Macrobenthic Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1803B

Sandies Creek

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_02 *From the confluence with Elm Creek to upper end of water body*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1803C

Peach Creek

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 mi of water body*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown

AUID: 1803C_03 *From approx. 1.2 mi downstream of FM 1680 in Gonzales County to confluence with Elm Creek In Fayette County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	NS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGID: 1804A

Geronimo Creek

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 *From the confluence of the Guadalupe River south of Seguin in Guadalupe County to the upstream perennial portion north of Seguin in Guadalupe County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1804D

Bear Creek

From the confluence of Geronimo Creek up to the headwaters approximately 1 mi north of HWY 90, and 0.25 mi south of Ilka Switch Road in Seguin.

AUID: 1804D_01 *From the confluence of Geronimo Creek up to the headwaters approximately 1 mi north of HWY 90, and 0.25 mi south of Ilka Switch Road in Seguin.*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

UNK - Source Unknown

SEGID: 1805

Canyon Lake

From Canyon Dam in Comal County to a point 2.7 km (1.7 mi) 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*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

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

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

AUID: 1805_03 *Upper end of segment*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

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

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

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SEGID: 1806

Guadalupe River Above Canyon Lake

From a point 2.7 km (1.7 mi) downstream of Rebecca Creek Road in Comal County to the confluence of the North Fork Guadalupe River and the South Fork Guadalupe River in Kerr County

AUID: 1806_02 *From the confluence of Big Joshua Creek in Kendall County upstream to Flat Rock Dam in Kerrville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

AUID: 1806_08 *From the confluence of Honey Creek in Comal County upstream to the confluence of Big Joshua Creek in Kendall County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

AUID: 1806_11 *From the confluence of Town Creek in Kerrville upstream to the confluence of Goat Creek in Kerrville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

AUID: 1806_12 *From the confluence of Goat Creek in Kerrville upstream to the confluence of the North Fork Guadalupe River and the South Fork Guadalupe River in Kerr County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

SEGID: 1806A

Camp Meeting Creek

From the confluence with segment 1806 of the Guadalupe River up to the headwaters at Bearskin Road

AUID: 1806A_01 *Intermittent stream with perennial pools from the confluence with the Guadalupe River upstream to the dam on an unnamed impoundment, located downstream of Ranchero Road in the City of Kerrville.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 1806D

Quinlan Creek

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 *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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

SEGID: 1806E

Town Creek

From the confluence of the Guadalupe River just upstream of FM 394 in Kerrville in Kerr County upstream to the headwaters in Gillespie County approximately 4.5 mi (7.4 km) north of Kerrville

AUID: 1806E_01 *From the confluence of the Guadalupe River just upstream of FM 394 in Kerrville in Kerr County upstream to the headwaters in Gillespie County approximately 4.5 mi (7.4 km) north of Kerrville*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

UNK - Source Unknown

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

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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 approximately 2.5 mi upstream of the confluence with Clear Fork Plum Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1810_02 *From approximately 2.5 mi upstream of confluence with Clear Fork Plum Ck to approximately 0.5 mi upstream of SH21*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown

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SEGID: 1810

Plum Creek

From the confluence with the San Marcos River in Caldwell County to FM 2770 in Hays County

AUID: 1810_03 *From approximately 0.5 mi upstream of SH 21 to upper end of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	UNK - Source Unknown

SEGID: 1810A

Town Branch

Perennial stream from the confluence with Plum Creek upstream to the headwaters at SH 130 northwest of the City of Lockhart

AUID: 1810A_01 *Perennial stream from the confluence of Plum Creek upstream to US 183 in the City of Lockhart (App D)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 1811

Comal River

From the confluence with the Guadalupe River in Comal County to Klingemann Street in New Braunfels in Comal County

AUID: 1811_01 *From the confluence with segment 1804 of the Guadalupe River up to just upstream of the confluence with Dry Comal Creek in New Braunfels, Comal County, Texas.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 1811A Dry Comal Creek

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 mi of water body*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1815 Cypress Creek

From the confluence with the Blanco River in Hays County to a point 6.4 km (4.0 mi) upstream of the most upstream unnamed county road crossing Hays County

AUID: 1815_01 *Lower 7 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 1816 Johnson Creek

From the confluence with the Guadalupe River in Kerr County to a point 1.2 km (0.7 mi) upstream of the most upstream crossing of SH 41 in Kerr County

AUID: 1816_01 *From the confluence with the Guadalupe River in Kerr County to a point 1.2 km (0.7 mi) upstream of the most upstream crossing of SH 41 in Kerr County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

SEGID: 1818 South Fork Guadalupe River

From the confluence with the Guadalupe River in Kerr County to a point 4.8 km (3.0 mi) upstream of FM 187 in Kerr County

AUID: 1818_01 *Lower 1.5 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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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 mi downstream of the confluence with Manahuilla Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1901_02 *25 mi upstream of Manahuilla Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1901_03 *From 25 mi upstream of Manahuilla Cr to 9 mi downstream of Escondido Cr*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown

2018 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 mi downstream of Escondido Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1901_05 *From upstream end of segment to Escondido Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

AUID: 1901_06 *Lower 31 mi of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown

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SEGID: 1901A Escondido Creek

From the confluence with Lower San Antonio River upstream to the headwaters near Karnes CR 210 and FM 99

AUID: 1901A_01 *From the confluence with Lower San Antonio River upstream to the confluence with Nichols Creek in Kenedy*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1901B Cabeza Creek

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 *From the confluence with segment 1901, west of Goliad, Goliad County, up to the upper end of the water body (NHD RC 12100303000882)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1901E Manahuilla Creek

From the confluence with the Lower San Antonio River upstream to the headwaters southeast of Nordheim in DeWitt County

AUID: 1901E_01 *From the confluence with the Lower San Antonio River upstream to the headwaters southeast of Nordheim in DeWitt County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

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SEGID: 1901F

Ecletto Creek

From the confluence with the Lower San Antonio River upstream to the headwaters adjacent to SH 123 south of Seguin in Guadalupe County

AUID: 1901F_01 *From the confluence with the Lower San Antonio River upstream to the headwaters adjacent to SH 123 south of Seguin in Guadalupe County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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SEGID: 1902

Lower Cibolo Creek

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

AUID: 1902_01 *From the confluence with the Lower San Antonio River in Karnes County upstream to the confluence with Mulifest Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1902_02 *From the confluence with Mulifest Creek upstream to the confluence with Pulaski Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1902_03 *From the confluence with Pulaski Creek upstream to the confluence with Clifton Branch*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	NPS - Non-Point Source; PS - Unknown Point Source

AUID: 1902_04 *From the confluence with Clifton Branch upstream to the confluence with Elm Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

AUID: 1902_05 *From the confluence with Elm Creek upstream to a point 100 meters (110 yards) downstream of IH 10 in Bexar/Guadalupe County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown

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SEGID: 1902A **Martinez Creek**

Perennial stream from the confluence with Lower Cibolo Creek upstream to the headwaters in Bexar County

AUID: 1902A_01 *From the confluence with Lower Cibolo Creek upstream to the confluence with Salitrillo Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

AUID: 1902A_03 *From the confluence with Escondido Creek upstream to the Martinez II WWTP outfall approximately 1.1 km downstream of FM 1516*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

AUID: 1902A_04 *From the Martinez II WWTP outfall approximately 1.1 km downstream of FM 1516 upstream to Binz-Engleman Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

SEGID: 1902B **Salitrillo Creek**

From the confluence with Martinez Creek to approximately 1.3 mi (2.1 km) upstream of FM 1976

AUID: 1902B_01 *From the confluence with Martinez Creek to FM 78 in Converse*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown

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SEGID: 1902C

Clifton Branch

From the confluence of Lower Cibolo Creek upstream to the headwater 0.6 mi upstream of Wilson CR 424 north of Stockdale

AUID: 1902C_01 *From the confluence of Lower Cibolo Creek upstream to the headwater 0.6 mi upstream of Wilson CR 424 north of Stockdale*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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SEGID: 1903

Medina River Below Medina Diversion Lake

From the confluence with the San Antonio River in Bexar County to Medina Diversion Dam in Medina County

AUID: 1903_01 *From the confluence with the San Antonio River upstream to the confluence with Palo Blanco Creek approximately 2.0 km upstream of FM 1937*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

AUID: 1903_02 *From the confluence with Palo Blanco Creek approximately 2.0 km upstream of FM 1937 upstream to the confluence with Lower Leon Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown

AUID: 1903_03 *From the confluence with Lower Leon Creek upstream to the confluence with Medio Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

AUID: 1903_04 *From the confluence with Medio Creek upstream to the confluence with Polecat Creek approximately 125 m upstream of FM 1604*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

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SEGID: 1905

Medina River Above Medina Lake

From a point immediately upstream of 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 a point immediately upstream of the confluence of Red Bluff Creek upstream to RM 470*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	UNK - Source Unknown

AUID: 1905_02 *From RM 470 upstream to the confluence of the North Prong Medina River and the West Prong Medina River*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

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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_02 *From the northside of the Toyota plant upstream to the confluence of Indian Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

AUID: 1906_03 *From confluence with Indian Creek to Hwy 353 (New Laredo Hwy)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown

AUID: 1906_04 *From Hwy 353 (New Laredo Hwy) upstream approximately 2 mi to a point southeast of Pearsall Park*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

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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_05 *From a point southeast of Pearsall Park upstream to US 90 on the westside of San Antonio*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Silver	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source

AUID: 1906_06 *From US 90 on the westside of San Antonio upstream to a point 100 meters upstream of SH 16 northwest of San Antonio*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Silver	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

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 mi) upstream of the confluence of Champee Springs in Kendall County

AUID: 1908_01 *From confluence. with Balcones Creek to approx. 2 mi upstream of Hwy 87 in Boerne*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 1910

Salado Creek

From the confluence with the San Antonio River in Bexar County to the confluence of Beitel Creek in Bexar County

AUID: 1910_01 *From confluence with San Antonio River to confluence with Rosillo Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

AUID: 1910_02 *From the confluence with Rosillo Creek up to the confluence with Pershing Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	UNK - Source Unknown

AUID: 1910_03 *From the confluence with Pershing Creek up to the confluence with Walzem Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown

AUID: 1910_04 *From the confluence with Walzem Creek up to the confluence with Beitel Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown

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SEGID: 1910A **Walzem Creek**
 From the confluence with Salado Creek to approximately 1.5 mi upstream of Walzem Road in San Antonio

AUID: 1910A_01 *From the confluence with Salado Creek upstream to Lanark Dr in San Antonio*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1910C **Salado Creek Tributary**
 From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000902.

AUID: 1910C_01 *From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000902.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 1910D **Menger Creek**
 From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000147.

AUID: 1910D_01 *From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000147.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1910F **Upper Salado Creek**
 Upper Salado Creek from the confluence of Beitel Creek upstream to the headwater approximately 1.5 mi upstream of FM 3351 near Fair Oaks Ranch

AUID: 1910F_01 *Upper Salado Creek an Appendix D section from the confluence with Beitel Creek upstream to Nacogdoches Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1911_02 *From the confluence with Olmos Creek up to just upstream of the confluence with Picos Creek .*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1911_03 *From just upstream of the confluence with Picos Creek up to just upstream of the confluence with Lodi Branch in Floresville, Wilson County, Texas.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown

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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_05 *From just upstream of the confluence with Calaveras Creek up to just upstream of the confluence with the Medina River.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown

AUID: 1911_06 *From just upstream of the confluence with the Medina River up to just upstream of the confluence with Salado Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown

AUID: 1911_07 *From just upstream of the confluence with Salado Creek up to just upstream of the confluence with Sixmile Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	UNK - Source Unknown

AUID: 1911_08 *From just upstream of the confluence with Sixmile Creek to just upstream of the confluence with San Pedro Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown

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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_09 *From just upstream of the confluence with San Pedro Creek up to the upper end of the segment.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	UNK - Source Unknown

SEGID: 1911B

Apache Creek

From the confluence with San Pedro Creek upstream to the headwaters at SH 421 (Bandera Rd) in San Antonio

AUID: 1911B_01 *From the confluence with San Pedro Creek upstream to the confluence with Zarzamora Creek.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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SEGID: 1911C **Alazan Creek**

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

AUID: 1911C_02 *From just upstream of the confluence with Martinez Creek to the upper end of the segment.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1911D **San Pedro Creek**

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

SEGID: 1911E **Sixmile Creek**

From the confluence with 1911 to the upper end of the water body at NHD RC 12100301000061

AUID: 1911E_01 *From the confluence with 1911 to the upper end of the water body at NHD RC 12100301000061*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 1911H **Picosa Creek**

From the confluence with segment 1911 to the upper end of the water body, NHD RC
12100303003001937

AUID: 1911H_01 *From the confluence with 1911 up to the confluence with Mariana Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	UNK - Source Unknown

SEGID: 1911I **Martinez Creek**

Martinez Creek from the confluence of Alazan Creek in central San Antonio upstream to the terminus at Vance Jackson Rd in north San Antonio

AUID: 1911I_01 *Martinez Creek from the confluence of Alazan Creek in central San Antonio upstream to the concrete channel portion at San Francisco St in north San Antonio*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 1911J **Pajarito Creek**

From the confluence with the Upper San Antonio River upstream to the headwaters at Wilson CR 403 northwest of Floresville

AUID: 1911J_01 *From the confluence with the Upper San Antonio River upstream to the headwaters at Wilson CR 403 northwest of Floresville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

SEGID: 1911K **Seguin Branch**

From the confluence with the Upper San Antonio River upstream to the headwaters approximately 2.2 km upstream of Wilson CR 331 north of Floresville

AUID: 1911K_01 *From the confluence with the Upper San Antonio River upstream to the headwaters approximately 2.2 km upstream of Wilson CR 331 north of Floresville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

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SEGID: 1911L Unnamed tributary of Upper San Antonio River

From the confluence with the Upper San Antonio River upstream to the confluence with an unnamed tributary 200 m upstream of FM 1303 in Wilson County

AUID: 1911L_01 *From the confluence with the Upper San Antonio River upstream to the confluence with an unnamed tributary 200 m upstream of FM 1303 in Wilson County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 1912 Medio Creek

From the confluence with the Medina River in Bexar County to a point 1.0 km (0.6 mi) upstream of IH 35 in San Antonio in Bexar County

AUID: 1912_01 *From the confluence with the Medina River in Bexar County to a point 1.0 km (0.6 mi) upstream of IH 35 in San Antonio in Bexar County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGID: 1912A Upper Medio Creek

From approximately 1.0 km (0.6 mi) upstream of IH 35 at San Antonio (Bexar County) to approximately 1.0 mi upstream of the Bexar/Medina County Line

AUID: 1912A_01 *From approximately 1.0 km (0.6 mi) upstream of IH 35 at San Antonio (Bexar County) to approximately 1.0 mi upstream of the Bexar/Medina County Line*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

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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 meters downstream of IH0 up to unnamed tributary approximately 0.3 mi upstream of Weir Road, Bexar County, Texas.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

AUID: 1913_02 *From the confluence with unnamed tributary approximately 0.3 mi upstream of Weir Road, Bexar county, Texas up to 100 meters upstream of the Cibolo Creek Municipal WWTP.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

SEGID: 2001

Mission River Tidal

From the confluence with Mission Bay in Refugio County to a point 7.4 km (4.6 mi) downstream of US 77 in Refugio County

AUID: 2001_01 *From the confluence with Mission Bay in Refugio County to a point 7.4 km (4.6 mi) downstream of US 77 in Refugio County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2002

Mission River Above Tidal

From a point 7.4 km (4.6 mi) downstream of US 77 in Refugio County to the confluence of Blanco Creek and Medio Creek in Refugio County

AUID: 2002_01 *From a point 7.4 km (4.6 mi) downstream of US 77 in Refugio County to the confluence of Blanco Creek and Medio Creek in Refugio County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Wildlife Other Than Waterfowl

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SEGID: 2003

Aransas River Tidal

From the confluence with Copano Bay in Aransas/Refugio County to a point 1.6 km (1.0 mi) upstream of US 77 in Refugio/San Patricio County

AUID: 2003_01 *From the confluence with Copano Bay in Aransas/Refugio County to a point 1.6 km (1.0 mi) upstream of US 77 in Refugio/San Patricio County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGID: 2004

Aransas River Above Tidal

From a point 1.6 km (1.0 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2004A

Aransas Creek

From confluence with the Aransas River to the headwaters of the stream about 10 km upstream of US Highway 59

AUID: 2004A_01 *From confluence with the Aransas River to the headwaters of the stream about 10 km upstream of US Highway 59.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source

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SEGID: 2004B Poesta Creek

From the confluence with the Aransas River to the headwaters of the stream about 7.5 km upstream of FM 673.

AUID: 2004B_01 *From the confluence of the Aransas River to the confluence of Talpacate Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

AUID: 2004B_02 *From the confluence with Talpacate Creek to the headwaters of the stream approximately 7.5 km upstream of FM 673*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; 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 mi) upstream of US 77/IH 37 in Nueces/San Patricio County

AUID: 2101_01 *From the confluence with Nueces Bay in Nueces County to Calallen Dam 1.7 km (1.1 mi) upstream of US 77/IH 37 in Nueces/San Patricio County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2102 Nueces River Below Lake Corpus Christi

From Calallen Dam 1.7 km (1.1 mi) 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 upstream to FM 666*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	UNK - Source Unknown

AUID: 2102_02 *From FM 666 to the upstream end of segment at Lake Corpus Christi*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	UNK - Source Unknown

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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 <i>From the Wesley E. Seale Dam in Jim Wells/San Patricio County to a point 4.5 mi upstream to County Road 10F on the east side of the lake and the third arm on the west side of the lake</i>			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts; UNK - Source Unknown
AUID: 2103_02 <i>Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore</i>			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts; UNK - Source Unknown
AUID: 2103_03 <i>Western arm of lake near Lagarto Creek inlet</i>			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts; UNK - Source Unknown
AUID: 2103_04 <i>Upper portion of lake on opposite shore from Hideaway Hill</i>			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts; UNK - Source Unknown
AUID: 2103_05 <i>Upper arm of reservoir in more riverine section surrounding FM 534</i>			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts; UNK - Source Unknown
AUID: 2103_06 <i>Uppermost riverine part of reservoir upstream of FM 534 to upper end of segment to just upstream of US Highway 59.</i>			
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts; UNK - Source Unknown

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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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); PS - Municipal Point Source Discharges
Bacteria Geomean	NS	E. coli	NPS - Wildlife Other Than Waterfowl; PS - Municipal Point Source Discharges; PS - Municipal Point Source Impacts From Inadequate Industrial/Commercial Pretreatment; PS - Sanitary Sewer Overflows (Collection System Failures)
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Non-Point Source; UNK - Source Unknown

AUID: 2104_02 *From the confluence with Dragon Creek to the confluence with Guadalupe Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Non-Point Source; UNK - Source Unknown
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
Fish community (Regional)	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown

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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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Drought-Related Impacts; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Drought-Related Impacts; 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Non-Point Source; UNK - Source Unknown

AUID: 2106_02 *The Frio River from the confluence with the Nueces River to Choke Canyon Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Non-Point Source; UNK - Source Unknown

2018 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_01 *From the downstream end of the segment at the confluence with the Frio River to the confluence with Borrego Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

AUID: 2107_02 *From the confluence with Borrego Creek to the confluence with Galvan Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	NS	Macrobenthic Community	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Unknown Point Source; UNK - Source Unknown

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	NS	Macrobenthic Community	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	NPS - Non-Point Source; PS - Municipal Point Source Discharges

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Dry Weather Flows With NPS Pollutants
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

AUID: 2109_02 *From the confluence of Yoledigo Creek to the confluence of Camp Lake Slough*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

AUID: 2109_03 *From the confluence of Camp Lake Slough to the upper end of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2109D

Gallina Slough

From the confluence with the Leona River in Zavala Co. to the headwaters approximately 9 km upstream of US Hwy 57 in Zavala Co.

AUID: 2109D_01 *From the confluence with the Leona River in Zavala Co. to the headwaters approximately 9 km upstream of US Hwy 57 in Zavala Co.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges

SEGID: 2112

Upper Nueces River

From a point 100 meters (110 yards) upstream of FM 1025 in Zavala County to the confluence of the East Prong Nueces River and Hackberry Creek in Edwards County

AUID: 2112_01 *From the downstream end of the segment to the confluence with Sand Ridge Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	NS	Fish Community	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish community (Regional)	CN	Fish Community	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Non-Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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.*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2117

Frio River Above Choke Canyon Reservoir

From a point 4.2 km (2.6 mi) downstream of SH 16 in McMullen County to a point 100 meters (110 yards) upstream of US 90 in Uvalde County

AUID: 2117_01 *From the downstream end of segment to the confluence with Esperanza Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Drought-Related Impacts

AUID: 2117_02 *From the confluence with Esperanza Creek to the confluence with Ruiz Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2117

Frio River Above Choke Canyon Reservoir

From a point 4.2 km (2.6 mi) downstream of SH 16 in McMullen County to a point 100 meters (110 yards) upstream of US 90 in Uvalde County

AUID: 2117_03 *From the confluence with Ruiz Creek to the confluence with Live Oak Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Illegal Dumps or Other Inappropriate Waste Disposal; PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Drought-Related Impacts

AUID: 2117_04 *From the confluence with Live Oak Creek to the confluence with Elm Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; UNK - Source Unknown

AUID: 2117_05 *From the confluence with Elm Creek to the confluence with Spring Branch*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Drought-Related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2117

Frio River Above Choke Canyon Reservoir

From a point 4.2 km (2.6 mi) downstream of SH 16 in McMullen County to a point 100 meters (110 yards) upstream of US 90 in Uvalde County

AUID: 2117_06 *From the confluence with Spring Branch to the upstream end of the segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-Related Impacts

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Drought-Related Impacts

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

2018 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_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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 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 Rio of Hondo Wastewater Discharge at point N-97.58359, W26.247186 to the upstream end of the segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2201B

Unnamed Drainage Ditch Tributary (B) in Cameron County Drainage District #3

Perennial drainage ditches that flow into the segment in Cameron and Hidalgo counties

AUID: 2201B_01 *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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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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_02 *From the confluence with Little Creek to the confluence with La Feria Main Canal just upstream of Dukes Highway*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2202_04 *From the confluence with La Cruz Resaca to the upper end of segment at FM 2062*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2202A Donna Reservoir

Off-channel irrigation reservoir pumped from Rio Grande near the City of Donna in Hidalgo County

AUID: 2202A_01 *Off-channel irrigation reservoir pumped from Rio Grande near the City of Donna in Hidalgo County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Aquatic Life Closure	NPS - Atmospheric Deposition - Acidity; PS - Industrial Point Source Discharge

SEGID: 2202B Unnamed Drainage Ditch Tributary (B) to S. Arroyo Colorado

Perennial drainage ditches that flow into the segment in Cameron and Hidalgo counties

AUID: 2202B_01 *Perennial drainage ditches that flow into the segment in Cameron and Hidalgo counties*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Crop Production (Irrigated)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated)

SEGID: 2202C Unnamed Drainage Ditch Tributary (C) to S. Arroyo Colorado

From the confluence with S. Arroyo Colorado to a point 1.1 mi upstream near US Highway 281

AUID: 2202C_01 *From the confluence with S. Arroyo Colorado to a point 1.1 mi upstream near US Highway 281*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Crop Production (Irrigated); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2203

Petronila Creek Tidal

From the confluence of Chiltipin Creek in Kleberg County to a point 1 km (0.6 mi) upstream of private road crossing near Laureles Ranch in Kleberg County

AUID: 2203_01 *From the confluence with Tunas Creek and Alazan Bay to a point 11 mi upstream*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	NS	High pH	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; UNK - Source Unknown

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SEGID: 2204

Petronila Creek Above Tidal

From a point 1 km (0.6 mi) upstream of private road crossing near Laureles Ranch in Kleberg County to the confluence of Agua Dulce and Banquete Creeks in Nueces County

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Petroleum/Natural Gas Production Activities (Permitted)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Petroleum/Natural Gas Production Activities (Permitted)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Petroleum/Natural Gas Production Activities (Permitted)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Petroleum/Natural Gas Production Activities (Permitted)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Petroleum/Natural Gas Production Activities (Permitted)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Petroleum/Natural Gas Production Activities (Permitted)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2301

Rio Grande Tidal

From the confluence with the Gulf of Mexico in Cameron County to a point 10.8 km (6.7 mi) downstream of the International Bridge in Cameron County

AUID: 2301_01 *From the confluence with the Gulf of Mexico in Cameron County to a point 71.7 km (44.6 mi) upstream*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	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 a point 10.8 km (6.7 mi) downstream of the International Bridge in Cameron County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2302

Rio Grande Below Falcon Reservoir

From a point 10.8 km (6.7 mi) downstream of the International Bridge in Cameron County to Falcon Dam in Starr County

AUID: 2302_01 *From a point 10.8 km (6.7 mi) downstream of the International Bridge near the El Jardin Pump Station in Cameron County upstream to the west branch of the Rancho Viejo Floodway*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

AUID: 2302_02 *From the west branch of the Rancho Viejo Floodway upstream to the Progreso International Bridge (FM 1015)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

AUID: 2302_03 *From the Progreso International Bridge (FM 1015) upstream to the McAllen International Bridge (US Hwy 281)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

AUID: 2302_04 *From the McAllen International Bridge (US Hwy 281) upstream to Anzalduas Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2302

Rio Grande Below Falcon Reservoir

From a point 10.8 km (6.7 mi) downstream of the International Bridge in Cameron County to Falcon Dam in Starr County

AUID: 2302_05 *From Anzalduas Dam upstream to Los Ebanos Ferry Crossing*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown

AUID: 2302_06 *From the Los Ebanos Ferry Crossing upstream to the confluence with Arroyo Los Olmos*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown

AUID: 2302_07 *From the confluence with Arroyo Los Olmos upstream to Falcon Reservoir Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges

SEGID: 2302A

Arroyo Los Olmos

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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SEGID: 2303

International Falcon Reservoir

From Falcon Dam in Starr County to a point 0.66 km (0.41 mi) upstream of the confluence of the Arroyo El Lobo (Mexico) in Webb County, up to the normal pool elevation of 301.1 feet (impounds Rio Grande)

AUID: 2303_04 *Upper portion of reservoir*

Assessment Method

Fish Kill Reports

LOS

CN

Parameter

Fish Kill Reports

Sources

NPS - Construction

AUID: 2303_05 *From the confluence of the Arroyo El Salado (Mexico) in Zapata County upstream to a point 0.66 km (0.41 mi) upstream of the confluence of the Arroyo El Lobo (Mexico) in Webb County*

Assessment Method

TOXNET ambient toxicity tests
in water - sublethality

LOS

CN

Parameter

Water toxicity (sub-lethal
effects)

Sources

UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2304

Rio Grande Below Amistad Reservoir

From a point 0.66 km (0.41 mi) upstream of the confluence of the Arroyo El Lobo (Mexico) in Webb County to Amistad Dam in Val Verde County

AUID: 2304_01 *From a point 0.66 km (0.41 mi) upstream of the confluence of the Arroyo El Lobo (Mexico) in Webb County upstream to the San Idelfonso Creek confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 - Unknown Point Source

AUID: 2304_02 *From the San Idelfonso Creek confluence upstream to International Bridge #2*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 - Unknown Point Source

AUID: 2304_03 *From the International Bridge #2 upstream to the City of Laredo water treatment plant intake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
TOXNET ambient toxicity tests in water - sublethality	CN	Water toxicity (sub-lethal 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
TOXNET ambient toxicity tests in water - sublethality	CN	Water toxicity (sub-lethal effects)	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2304

Rio Grande Below Amistad Reservoir

From a point 0.66 km (0.41 mi) upstream of the confluence of the Arroyo El Lobo (Mexico) in Webb County to Amistad Dam in Val Verde County

AUID: 2304_07 *From El Indio upstream to downstream of US Hwy 277 (Eagle Pass)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 - Unknown Point Source

AUID: 2304_09 *From the Las Moras Creek confluence upstream to the San Felipe Creek confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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 - Unknown Point Source

SEGID: 2304B

Manadas Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Antimony	NPS - Mine Tailings
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2305

International Amistad Reservoir

From Amistad Dam to a point 1.8 km (1.1 mi) downstream of the confl of Ramsey Canyon on the Rio Grande Arm and to a point 0.7 km (0.4 miles) downstream of the confl of Painted Canyon on the Pecos Arm and to a point 0.6 km (0.4 mi) downstream of the confl

AUID: 2305_01 **Rio Grande Arm**

Assessment Method

Fish Kill Reports

LOS

CN

Parameter

Fish Kill Reports

Sources

UNK - Source Unknown

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SEGID: 2306

Rio Grande Above Amistad Reservoir

From a point 1.8 km (1.1 mi) 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

AUID: 2306_02 *From the confluence of Panther Gulch upstream to FM 2627*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

AUID: 2306_03 *From FM 2627 upstream to Boquillas Canyon*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

AUID: 2306_04 *From Boquillas Canyon upstream to Mariscal Canyon*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

AUID: 2306_05 *From Mariscal Canyon to a point upstream of the IBWC gage at Johnson Ranch*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2306

Rio Grande Above Amistad Reservoir

From a point 1.8 km (1.1 mi) downstream of the confluence of Ramsey Canyon in Val Verde County to the confluence of the Rio Conchos (Mexico) in Presidio County

AUID: 2306_07 *From the mouth of Santa Elena Canyon at the Terlingua Creek confluence upstream to the Alamito Creek confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

AUID: 2306_08 *From Alamito Creek confluence upstream to the Rio Conchos confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	NPS - Urban Runoff/Storm Sewers

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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_01 *From immediately upstream of the Rio Conchos confluence to a point 40.2 km (25 mi) upstream*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source

AUID: 2307_02 *From a point 40.2 km (25 mi) upstream of the Rio Conchos confluence to Little Box Canyon*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions

2018 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_03 *From Little Box Canyon upstream to the Alamo Grade Structure*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions

2018 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_04 *From the Alamo Grade Structure upstream to the Guadalupe Bridge*

<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Chloride	<u>Sources</u> NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Total Dissolved Solids	<u>Sources</u> NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Ammonia	<u>Sources</u> NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source

2018 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Crop Production (Irrigated); NPS - Sources Outside State Jurisdiction or Borders; NPS - Surface Water Diversions
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Crop Production (Irrigated); NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Unknown Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Sources Outside State Jurisdiction or Borders

2018 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_03 *From US Hwy 67 upstream to the Ward Two Irrigation Turnout*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source

AUID: 2311_04 *From the Ward Two Irrigation Turnout upstream to US Hwy 80 (Bus 20)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown

AUID: 2311_07 *From State Hwy 302 upstream to FM 652*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown

AUID: 2311_08 *From FM 652 upstream to the Red Bluff Dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2313

San Felipe Creek

From the confluence with the Rio Grande in Val Verde County to a point 4.0 km (2.5 mi) upstream of US 90 in Val Verde County

AUID: 2313_01 *From the Rio Grande confluence to the San Felipe Springs upstream of US Hwy 90*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	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
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Municipal Point Source Discharges

AUID: 2314_02 *From the Anthony Drain confluence upstream to the New Mexico/Texas state line*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2411

Sabine Pass

From the end of jetties at the Gulf of Mexico to SH 82

AUID: 2411_01 *From the end of jetties at the Gulf of Mexico to SH 82*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Single Sample	NS	Enterococcus	NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGID: 2412

Sabine Lake

Sabine Lake

AUID: 2412_01 *Sabine Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Single Sample	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

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SEGID: 2421 **Upper Galveston Bay**
Upper Galveston Bay

AUID: 2421_01 *Red Bluff to Five mi Cut to Houston Point to Morgans Point*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2421_02 *Western portion of the bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2421 **Upper Galveston Bay**
Upper Galveston Bay

AUID: 2421_03 *Main portion of the bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2421A **Clear Lake Channel**
From the Lower Galveston Bay confluence to SH 146

AUID: 2421A_01 *From Lower Galveston Bay confluence to SH 146*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2421B Little Cedar Bayou

From the confluence with Upper Galveston Bay to a point immediately upstream of Barbours Cut Blvd in La Porte

AUID: 2421B_01 *From the confluence with Galveston Bay to a point immediately upstream of Barbours Cut Blvd in La Porte*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGID: 2421C Pine Gully

Pine Gully - from the confluence with Upper Galveston Bay upstream to the terminus approximately 875 m east of the intersection of Old Highway 146 and Red Bluff Rd in Seabrook

AUID: 2421C_01 *Pine Gully - from the confluence with Upper Galveston Bay upstream to the terminus approximately 875 m east of the intersection of Old Highway 146 and Red Bluff Rd in Seabrook*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown

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SEGID: 2421OW **Upper Galveston Bay (Oyster Waters)**
Upper Galveston Bay (Oyster Waters)

AUID: 2421OW_01 *Entire western portion of the bay (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2422 **Trinity Bay**
Trinity Bay

AUID: 2422_01 *Upper half of bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted and No-Consumption	<u>Sources</u> PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2422_02 *Lower half of bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted and No-Consumption	<u>Sources</u> PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2422B Double Bayou West Fork

From the Trinity Bay confluence to Belton Road in Chambers County

AUID: 2422B_01 From the Trinity Bay confluence to Belton Road

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - On-Site Treatment Systems (Septic Systems And Similar Decentralized Systems); NPS - Rural (Residential Areas)

SEGID: 2422D Double Bayou East Fork

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2422OW **Trinity Bay (Oyster Waters)**
Trinity Bay (Oyster Waters)

AUID: 2422OW_01 *Upper portion of the bay (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2423 **East Bay**
East Bay

AUID: 2423_01 *Area adjacent to the ICWW (Segment 0702)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2423_02 *Remainder of segment*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2423A **Oyster Bayou**
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2423OW **East Bay (Oyster Waters)**
East Bay (Oyster Waters)

AUID: 2423OW_01 *East end of bay adjacent to the ICWW and East Bay Bayou (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2424 **West Bay**
West Bay

AUID: 2424_01 *West Bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2424_02 *Area adjacent to Lower Galveston Island*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2424A Highland Bayou

From the confluence of West Bay upstream to the confluence of Highland Bayou Diversion Canal 118 m (388 ft) downstream of Jack Brooks Rd in Galveston County

AUID: 2424A_01 From the confluence of West Bay upstream to Bayou Lane

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2424A_02 From Bayou Lane upstream to Lake Road

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2424A_03 From Lake Road upstream to FM 519

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2424A Highland Bayou

From the confluence of West Bay upstream to the confluence of Highland Bayou Diversion Canal 118 m (388 ft) downstream of Jack Brooks Rd in Galveston County

AUID: 2424A_04 From FM 519 upstream to FM 2004

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2424A_05 From FM 2004 upstream to the confluence of Highland Bayou Diversion Canal 118 m (388 ft) downstream of Jack Brooks Rd in Galveston County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2424B

Lake Madeline

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	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; UNK - Source Unknown

SEGID: 2424C

Marchand Bayou

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
Bacteria Geomean	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

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2424D Offatts Bayou

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2424D_02 Middle area bordered by 71st Street and Walsh Street

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2424D_03 Lower area bordered by Walsh Street and Techmann Point

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2424E English Bayou

Between IH 45, Bayou Shore Drive, South Shore Rear and SH 342 on Galveston Island

AUID: 2424E_01 Between IH 45, Bayou Shore Drive, South Shore Rear and SH 342 on Galveston Island

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 2424G Highland Bayou Diversion Canal

From the confluence with West Bay upstream to the headwaters near Avenue Q 1/2 upstream of FM 646 in Galveston County

AUID: 2424G_01 From the confluence with West Bay upstream to the headwaters near Avenue Q 1/2 upstream of FM 646 in Galveston County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2424OW **West Bay (Oyster Waters)**
West Bay (Oyster Waters)

AUID: 2424OW_02 *Area adjacent to Lower Galveston Bay and Galveston Island (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2425 **Clear Lake**
Clear Lake

AUID: 2425_01 *Clear Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper (dissolved)	NPS - Marina Boat Maintenance; NPS - Municipal (Urbanized High Density Area); NPS - Residential Districts
Assessment Method DSHS Advisories, Closures, and Risk Assessments	NS	Parameter Restricted and No-Consumption	Sources PS - Industrial Point Source Discharge; UNK - Source Unknown
Assessment Method Nutrient Screening Levels	CS	Parameter Nitrate	Sources NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Assessment Method Nutrient Screening Levels	CS	Parameter Chlorophyll-a	Sources NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
Assessment Method DSHS Advisories, Closures, and Risk Assessments	NS	Parameter Restricted and No-Consumption	Sources PS - Industrial Point Source Discharge; UNK - Source Unknown
Assessment Method Nutrient Screening Levels	CS	Parameter Total Phosphorus	Sources NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2425A Taylor Lake

Taylor Lake from the confluence with Clear Lake upstream to the terminus of Taylor Bayou south of Bay Forest Golf Club in LaPorte

AUID: 2425A_01 Taylor Lake from the confluence with Clear Lake to the confluence with Taylor Bayou at Red Bluff Rd in Seabrook

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 2425A_02 Taylor Bayou from the confluence with Taylor Lake at Red Bluff Rd in Seabrook upstream to the Southern Pacific railroad bridge parallel with SH 146 in Harris County

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2425A Taylor Lake

Taylor Lake from the confluence with Clear Lake upstream to the terminus of Taylor Bayou south of Bay Forest Golf Club in LaPorte

AUID: 2425A_03 Taylor Bayou from the Southern Pacific railroad bridge parallel with SH 146 in Harris County upstream to the terminus south of Bay Forest Golf Club in LaPorte

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2425B Jarbo Bayou

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

AUID: 2425B_02 From Lawrence Road to the headwaters 1.1 km (0.67 mi) upstream of FM 518

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2426 **Tabbs Bay**
Tabbs Bay

AUID: 2426_01 *Tabbs Bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	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
Nutrient Screening Levels	CS	Total Phosphorus	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; UNK - Source Unknown

SEGID: 2426C **Goose Creek Tidal**
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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2427 **San Jacinto Bay**
San Jacinto Bay

AUID: 2427_01 **San Jacinto Bay**

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Upstream Source; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Upstream Source; PS - Industrial Point Source Discharge

SEGID: 2428 **Black Duck Bay**
Black Duck Bay

AUID: 2428_01 **Black Duck Bay**

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 2429 **Scott Bay**
Scott Bay

AUID: 2429_01 **Scott Bay**

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Upstream Source; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGID: 2430 **Burnet Bay**
Burnet Bay

AUID: 2430_01 **Burnet Bay**

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Upstream Source; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Upstream Source; PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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SEGID: 2430A

Crystal Bay

Crystal Bay, a side bay of Burnet Bay, located between Burnet and Scott (Segment 2429) Bays adjacent to the San Jacinto Monument and Houston Ship Channel (Segment 1005)

AUID: 2430A_01 *Crystal Bay, a side bay of Burnet Bay, located between Burnet and Scott (Segment 2429) Bays adjacent to the San Jacinto Monument and Houston Ship Channel (Segment 1005)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Upstream Source; PS - Industrial Point Source Discharge

SEGID: 2431

Moses Lake

Moses Lake

AUID: 2431_01 *Moses Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2431A

Moses Bayou

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 2431C **Unnamed Tributary to the Southern Arm of Moses Lake (West)**
 From the confluence with the southern arm (west) of Moses Lake to a point 0.45 mi upstream of State Highway 3 near La Marque

AUID: 2431C_01 *From the confluence with the southern arm (west) of Moses Lake to a point 0.45 mi upstream of State Highway 3 near La Marque*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 2431D **Unnamed Tributary to the Southern Arm of Moses Lake (East)**
 From the confluence with the southern arm (east) of Moses Lake to a point 0.6 mi upstream of State Highway 146 in Texas City

AUID: 2431D_01 *From the confluence with the southern arm (east) of Moses Lake to a point 0.6 mi upstream of State Highway 146 in Texas City*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	UNK - Source Unknown

SEGID: 2432 **Chocolate Bay**
 Chocolate Bay

AUID: 2432_01 *Chocolate Bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

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SEGID: 2432A Mustang Bayou

From the New Bayou confluence upstream to an unnamed tributary 0.3 km (0.19 mi) upstream of State Hwy 35 to an unnamed tributary downstream of Cartwright Road

AUID: 2432A_01 From the New Bayou confluence upstream to County Road 166

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; UNK - Source Unknown

AUID: 2432A_02 From County Road 166 upstream to an unnamed tributary 0.3 km upstream of SH 35.

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; UNK - Source Unknown

AUID: 2432A_03 From an unnamed tributary 0.3 km upstream of State Hwy 35 upstream to an unnamed tributary downstream of Cartwright Road.

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2432B Willow Bayou

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.

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

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SEGID: 2432C

Halls Bayou Tidal

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Rural (Residential Areas)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2432D

Persimmon Bayou

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2432E

New Bayou

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2432OW

Chocolate Bay (Oyster Waters)

Chocolate Bay (Oyster Waters)

AUID: 2432OW_01 *Chocolate Bay (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

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SEGID: 2433OW Bastrop Bay/Oyster Lake (Oyster Waters)
Bastrop Bay/Oyster Lake (Oyster Waters)

AUID: 2433OW_01 Bastrop Bay (Oyster Waters)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

AUID: 2433OW_02 Oyster Lake (Oyster Waters)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2434OW Christmas Bay (Oyster Waters)
Christmas Bay (Oyster Waters)

AUID: 2434OW_01 Area adjacent to West Bay (Oyster Waters)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2435OW Drum Bay (Oyster Waters)
Drum Bay (Oyster Waters)

AUID: 2435OW_01 Area adjacent to Christmas Bay (Oyster Waters)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

AUID: 2435OW_02 Remainder of Drum Bay (Oyster Waters)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

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SEGID: 2436 Barbours Cut

Barbours Cut

AUID: 2436_01 Barbours Cut

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2437 Texas City Ship Channel

Texas City Ship Channel

AUID: 2437_01 Texas City Ship Channel

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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SEGID: 2438 **Bayport Channel**
Bayport Channel

AUID: 2438_01 **Bayport Channel**

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper (dissolved)	NPS - Marina Boat Maintenance; NPS - Municipal (Urbanized High Density Area); NPS - Residential Districts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Ballast Water Releases; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGID: 2439 **Lower Galveston Bay**
Lower Galveston Bay

AUID: 2439_01 *Area adjacent to the Texas City Ship Channel and Moses Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown
Nutrient Screening Levels	CS	Nitrate	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2439_02 *Eastern portion of the bay*

DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
Nutrient Screening Levels	CS	Chlorophyll-a	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; UNK - Source Unknown

SEGID: 2439OW **Lower Galveston Bay (Oyster Waters)**
Lower Galveston Bay (Oyster Waters)

AUID: 2439OW_01 *Area adjacent to the Texas City Ship Channel and Moses Lake (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

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SEGID: 2441OW **East Matagorda Bay (Oyster Waters)**
East Matagorda Bay (Oyster Waters)

AUID: 2441OW_01 *Caney Creek arm and western shoreline area (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGID: 2452 **Tres Palacios Bay/Turtle Bay**
Tres Palacios Bay/Turtle Bay

AUID: 2452_03 *Tres Palacios Creek Arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2452A **Tres Palacios Harbor**
Tres Palacios Harbor

AUID: 2452A_01 *Tres Palacios Harbor*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 2452OW **Tres Palacios Bay/Turtle Bay (Oyster Waters)**
Tres Palacios Bay/Turtle Bay (Oyster Waters)

AUID: 2452OW_01 *Turtle Bay and Tres Palacios Creek Arm (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

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SEGID: 2452TP **Tres Palacios Bay (Recreational Beaches)**
Tres Palacios Bay (Recreational Beaches)

AUID: 2452TP_01 *Palacios (Beach ID TX 784742)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Texas Beach Watch Program Advisories	NS	Enterococcus	NPS - Marina/Boating Pumpout Releases; NPS - Marina/Boating Sanitary On-Vessel Discharges; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2453A **Garcitas Creek Tidal**
From the confluence with Lavaca Bay upstream to the confluence with Arenosa Creek at the
Jackson/Victoria County line

AUID: 2453A_01 *From the confluence with Lavaca Bay upstream to the confluence with Arenosa Creek at the
Jackson/Victoria County line*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	UNK - Source Unknown

SEGID: 2453C **Arenosa Creek**
From Garcitas Creek confluence upstream to J-2 Ranch Road

AUID: 2453C_01 *From Garcitas Creek confluence upstream to J-2 Ranch Road*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGID: 2453D **Lavaca Bay Ship Channel Area**
Lavaca Bay Ship Channel Area

AUID: 2453D_01 *Lavaca Bay Ship Channel Area*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper (dissolved)	NPS - Contaminated Sediments; NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unpermitted Discharge (Industrial/Commercial Wastes); UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Aquatic Life Closure	PS - Industrial Point Source Discharge

SEGID: 2453OW **Lavaca Bay/Chocolate Bay (Oyster Waters)**
Lavaca Bay/Chocolate Bay (Oyster Waters)

AUID: 2453OW_02 *North-northeastern portion of the bay near Point Comfort (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Upstream Source; PS - Industrial Point Source Discharge; UNK - Source Unknown

AUID: 2453OW_03 *Chocolate Bay area (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Upstream Source; PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGID: 2454 **Cox Bay**
Cox Bay

AUID: 2454_02 *Remainder of Cox Bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper (dissolved)	NPS - Contaminated Sediments; NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unpermitted Discharge (Industrial/Commercial Wastes); UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2454A **Cox Lake**

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; PS - Industrial Point Source Discharge; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGID: 2455OW **Keller Bay (Oyster Waters)**

Keller Bay (Oyster Waters)

AUID: 2455OW_01 *Upper arm (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown

SEGID: 2456 **Carancahua Bay**

Carancahua Bay

AUID: 2456_02 *Upper half of bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Single Sample	NS	Enterococcus	NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; NPS - Wildlife Other Than Waterfowl; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2456A West Carancahua Creek Tidal

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source

SEGID: 2456OW Carancahua Bay (Oyster Waters)

Carancahua Bay (Oyster Waters)

AUID: 2456OW_02 *Upper portion of bay and shoreline area (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown

SEGID: 2462 San Antonio Bay/Hynes Bay/Guadalupe Bay/Mission Lake

San Antonio Bay/Hynes Bay/Guadalupe Bay/Mission Lake at the mean high tide line

AUID: 2462_01 *San Antonio Bay/Hynes Bay/Guadalupe Bay/Mission Lake at the mean high tide line*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source

SEGID: 2462OW San Antonio Bay/Hynes Bay/Guadalupe Bay/Mission Lake (Oyster Waters)

San Antonio Bay/Hynes Bay/Guadalupe Bay/Mission Lake (Oyster Waters)

AUID: 2462OW_01 *Guadalupe Bay (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; PS - Industrial Point Source Discharge; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2471A Little Bay

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 *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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGID: 2472OW Copano Bay/Port Bay/Mission Bay (Oyster Waters)

Copano Bay/Port Bay/Mission Bay (Oyster Waters)

AUID: 2472OW_01 *Mission Bay, Aransas River arm, Port Bay, and eastern shoreline (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGID: 2481CB Corpus Christi Bay (Recreational Beaches)

Corpus Christi Bay (Recreational Beaches)

AUID: 2481CB_03 *Cole Park (Beach ID TX259473)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Texas Beach Watch Program Advisories	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 2481CB_04 *Ropes Park (Beach ID TX821303)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Texas Beach Watch Program Advisories	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

AUID: 2481CB_06 *Poenisch Park (Beach ID TX682648)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Texas Beach Watch Program Advisories	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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SEGID: 2482 **Nueces Bay**
Nueces Bay

AUID: 2482_01 *Nueces Bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	NS	Copper (dissolved)	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper (dissolved)	UNK - Source Unknown

SEGID: 2482OW **Nueces Bay (Oyster Waters)**
Nueces Bay (Oyster Waters)

AUID: 2482OW_01 *Nueces Bay (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Industrial/Commercial Site Stormwater Discharge (Permitted); NPS - Non-Point Source; NPS - Upstream Source; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGID: 2483A **Conn Brown Harbor**
From the Aransas Channel confluence southeast of Aransas Pass in San Patricio County to a point 1.6 km (1 mi) northeast in Aransas County

AUID: 2483A_01 *From the Aransas Channel confluence southeast of Aransas Pass to a point 1.6 km (1 mi) northeast*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	CN	Copper (dissolved)	NPS - Marina Boat Maintenance; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Copper (dissolved)	NPS - Marina Boat Maintenance; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2484

Corpus Christi Inner Harbor

Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin

AUID: 2484_01 *Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper (dissolved)	NPS - Contaminated Sediments; NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unpermitted Discharge (Industrial/Commercial Wastes); UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2485 **Oso Bay**
Oso Bay

AUID: 2485_01 *Upper bay (Holly Road to County Hwy 24)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source

AUID: 2485_02 *Middle bay (State Park Road 22 to Holly Road)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Single Sample	CN	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

AUID: 2485_03 *Lower portion of bay (Ocean Drive to State Park Road 22)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2485A Oso Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGID: 2485B Unnamed trib of Oso Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers

SEGID: 2485D West Oso Creek

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Urban Runoff/Storm Sewers

SEGID: 2485OW Oso Bay (Oyster Waters)

Oso Bay (Oyster Waters)

AUID: 2485OW_01 *Oso Bay (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2491 **Laguna Madre**
Laguna Madre

AUID: 2491_01 *Upper portion of bay north of the Arroyo Colorado confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	UNK - Source Unknown

AUID: 2491_02 *Area adjacent to the Arroyo Colorado confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Crop Production (Irrigated); NPS - Dry Weather Flows With NPS Pollutants; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Agriculture; NPS - Crop Production (Irrigated); NPS - Dry Weather Flows With NPS Pollutants; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Upstream Source
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Crop Production (Irrigated); NPS - Dry Weather Flows With NPS Pollutants; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

AUID: 2491_03 *Lower portion of bay south of the Arroyo Colorado confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	Enterococcus	NPS - Marina/Boating Sanitary On-Vessel Discharges; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; UNK - Source Unknown

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID: 2491B North Floodway

From 0.04 mi north of Campacuas Lake and 0.32 mi west of FM 491 (Mercedes, TX) to the confluence with Lower Laguna Madre (tidal flats)

AUID: 2491B_01 *From 0.04 mi north of Campacuas Lake and 0.32 mi west of FM 491 (Mercedes, TX) to the confluence with Lower Laguna Madre (tidal flats)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	CN	E. coli	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Dry Weather Flows With NPS Pollutants; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Crop Production (Crop Land or Dry Land); NPS - Crop Production (Irrigated); NPS - Crop Production (Non-Irrigated); NPS - Dry Weather Flows With NPS Pollutants; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2491OW Laguna Madre (Oyster Waters)

Laguna Madre (Oyster Waters)

AUID: 2491OW_02 *Area adjacent to the Arroyo Colorado confluence (Oyster Waters)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	NPS - Aquaculture (Permitted); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGID: 2492 Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada

Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada

AUID: 2492_01 *Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source

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SEGID: 2492A San Fernando Creek

From the Cayo Del Grullo confluence in Kleberg County upstream to the confluence with Chiltipin Creek and San Diego Creek in Jim Wells County

AUID: 2492A_01 *From the Cayo Del Grullo confluence in Kleberg County upstream to the confluence with Chiltipin Creek and San Diego Creek in Jim Wells County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	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; UNK - Source Unknown

SEGID: 2494 Brownsville Ship Channel

Brownsville Ship Channel

AUID: 2494_01 *From the Laguna Madre confluence upstream to the Port of Brownsville*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab minimum	CN	Dissolved Oxygen Grab	NPS - Non-Point Source; UNK - Source Unknown

SEGID: 2494A Port Isabel Fishing Harbor

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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source

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SEGID: 2501

Gulf of Mexico

From the Gulf shoreline to the limit of Texas' jurisdiction between Sabine Pass and the mouth of the Rio Grande

AUID: 2501_01 Sabine Pass to Sea Rim Park area

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; PS - Unknown Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Single Sample	NS	Enterococcus	- ; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

AUID: 2501_02 Jefferson-Chambers County line area

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Single Sample	NS	Enterococcus	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

AUID: 2501_03 Bolivar Point to San Luis Pass area

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

AUID: 2501_04 Freeport Area

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

2018 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 mouth of the Rio Grande

AUID: 2501_05 *Area between Freeport and Port Aransas*

Assessment Method

DSHS Advisories, Closures, and
Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

AUID: 2501_06 *Port Aransas Area*

Assessment Method

DSHS Advisories, Closures, and
Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

AUID: 2501_07 *Area between Port Aransas and Port Mansfield*

Assessment Method

DSHS Advisories, Closures, and
Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

AUID: 2501_08 *Port Mansfield area*

Assessment Method

DSHS Advisories, Closures, and
Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

AUID: 2501_09 *Area between Port Mansfield and Port Isabel*

Assessment Method

DSHS Advisories, Closures, and
Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown

AUID: 2501_10 *Port Isabel area*

Assessment Method

DSHS Advisories, Closures, and
Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

UNK - Source Unknown