

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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)
<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 the Middle, West, and East Dixon creeks in Carsor 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>
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>
Bacteria Geomean	NS	E. coli	NPS - Grazing in Riparian or Shoreline Zones; NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; PS - Industrial Point Source Discharge
<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
<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

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 of the East, Middle, and West Forks of Dixon 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 - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID	0101B	Rock Creek	Perennial stream from the confluence with the Canadian River upstream to the headwaters in Carson County
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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>
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>
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
<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>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Upstream Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; NPS - Natural Sources; 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; 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>
Dissolved Solids	NS	Sulfate	NPS - Natural Sources; NPS - Sources Outside State Jurisdiction or Borders; NPS - Upstream Source

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	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Chloride

Sources

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*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Chloride

Sources

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*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Chloride

Sources

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); 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 - Municipal (Urbanized High Density Area); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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

<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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

Water Temperature

LOS

CN

Parameter

Water temperature

Sources

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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Upstream Source; UNK - Source Unknown

SEGII 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*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Chloride

Sources

PS - Drought-related Impacts

Assessment Method

High pH

LOS

NS

Parameter

pH

Sources

NPS - Natural Sources; NPS - Waterfowl

SEGII 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)*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Crop Production (Crop Land or Dry Land);
NPS - Irrigated Crop Production; NPS -
Non-irrigated Crop Production; NPS - Non-Point
Source

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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

SEGII 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*

<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 - 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 - 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

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

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

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

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

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

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

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

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

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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

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	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

<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	CN	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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

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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Residential Districts; UNK - Source Unknown

SEGII 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 - Irrigated Crop Production; NPS - Municipal (Urbanized High Density Area); NPS - Non-irrigated Crop Production; 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

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SEGII 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>
Bacteria Geomean	NS	E. coli	NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural)
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural)
Nutrient Screening Levels	CS	Ammonia	NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural)
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural)

SEGII 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 screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Upstream Source
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Upstream Source
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Upstream Source

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SEGII 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

SEGII 0202K Iron Ore Creek
Iron Ore Creek - from the confluence of Choctaw Creek upstream to the headwater south of FM 120 east of Denison

AUID: 0202K_01 Iron Ore Creek from the confluence of Choctaw Creek upstream to the headwater south of FM 120 east of Denison

<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; PS - Municipal Point Source Discharges

SEGII 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	Chlorophyll-a	NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream 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-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; 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	E. coli	NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Residential Districts; NPS - Upstream Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

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

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SEGID	0203	Lake Texoma Lake Texoma - from Denison Dam in Grayson County to a point immediately upstream of the confluence of Sycamore Creek in Cooke County, up to the normal pool elevation of 617 feet (impounds Red River)		
AUID:	0203_01	<i>Lake Texoma lower lake from Denison Dam upstream to a line from Rock Point (TX) to Burns West Recreational Area (OK)</i>		
<u>Assessment Method</u>		<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports		CN	Fish Kill Reports	NPS - Natural Sources
AUID:	0203_02	<i>Lake Texoma Little Mineral Arm from a line from Rocky point to the Episcopal Recreation Center on Preston peninsula</i>		
<u>Assessment Method</u>		<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports		CN	Fish Kill Reports	NPS - Natural Sources
AUID:	0203_03	<i>Lake Texoma mid-lake area bounded upstream by a line from East Juniper Point to Cardinal Cove (OK) and downstream by a line from Treasure Island to Mill Creek picnic area</i>		
<u>Assessment Method</u>		<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports		CN	Fish Kill Reports	NPS - Natural Sources
AUID:	0203_04	<i>Lake Texoma upper-lake area bounded downstream by a line from East Juniper Point to Cardinal Cove (OK) upstream to headwaters</i>		
<u>Assessment Method</u>		<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports		CN	Fish Kill Reports	NPS - Natural Sources
AUID:	0203_05	<i>Remainder of Lake Texoma not assessed</i>		
<u>Assessment Method</u>		<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports		CN	Fish Kill Reports	NPS - Natural Sources

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SEGII 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 - Irrigated Crop Production; NPS - Non-irrigated Crop Production; 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 - Irrigated Crop Production; NPS - Non-irrigated Crop Production; 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 - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; UNK - Source Unknown

SEGII 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 - Upstream Source

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 - Irrigated Crop Production; NPS - Non-irrigated Crop Production; 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 - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; UNK - Source Unknown

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SEGIE 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 - Irrigated Crop Production; NPS - Non-irrigated Crop Production

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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production

SEGIE 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>
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	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	CN	E. coli	NPS - Non-Point Source; NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges; UNK - Source Unknown

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SEGII 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*

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

SEGII 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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

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

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

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

SEGII 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_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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Grazing in Riparian or Shoreline Zones;
NPS - Rangeland Grazing; NPS - Unrestricted
Cattle Access

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Irrigated Crop Production; NPS - Non-Point
Source; NPS - Upstream Source; PS - Municipal
Point Source Discharges; UNK - Source Unknown

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

Enterococcus

Sources

NPS - Grazing in Riparian or Shoreline Zones

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SEGII 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

<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 - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl

SEGII 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

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Manganese	NPS - Natural Sources; NPS - Nps Pollution from Military Base Facilities (Other than Port Facilities)

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SEGII 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> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Sulfate	<u>Sources</u> NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Total Dissolved Solids	<u>Sources</u> NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0211

Little Wichita River

From the confluence with the Red River in Clay County to Lake Arrowhead Dam in Clay County

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>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Dam or Impoundment; NPS - Impacts from Hydrostructure Flow Regulation/modification
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Dam or Impoundment; NPS - Impacts from Hydrostructure Flow Regulation/modification
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Flow Alterations from Water Diversions; NPS - Impacts from Hydrostructure Flow Regulation/modification
<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 - Upstream Source; NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Petroleum/natural Gas Activities

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SEGII 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*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

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

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SEGII 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	Chlorophyll-a	NPS - Agriculture; NPS - Aquaculture (Permitted); NPS - Crop Production (Crop Land or Dry Land); NPS - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Non-irrigated Crop Production; 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 - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

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

<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 - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; 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 - Grazing in Riparian or Shoreline Zones; NPS - Non-irrigated Crop Production; 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 - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Non-irrigated Crop Production; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Urban Runoff/Storm Sewers

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SEGII 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 - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Non-irrigated Crop Production; 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 - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Non-irrigated Crop Production; 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 - Grazing in Riparian or Shoreline Zones; NPS - Municipal (Urbanized High Density Area); NPS - Non-irrigated Crop Production; 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

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SEGII 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>
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	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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	PS - Drought-related Impacts
<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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Upstream Source

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

SEGII 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*

<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 - Non-Point Source; NPS - Residential Districts; UNK - Source Unknown

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SEGII 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*

<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

SEGII 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>
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	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>
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

<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>
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

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SEGII 0215

Diversion Lake

Diversion Lake - from Diversion Dam in Archer County to a point 1.5 km (0.9 mi) downstream of the confluence of Cottonwood Creek in Baylor County, up to the normal pool elevation of 1052 feet (impounds Wichita River)

AUID: 0215_01 *Diversion Lake from Diversion Dam to a point 1.5 km downstream of the confluence of Cottonwood Creek, to the normal pool elevation of 1052 feet*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Sulfate

Sources

PS - Drought-related Impacts

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Chloride

Sources

PS - Drought-related Impacts

SEGII 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_02 *North Fork Wichita River from the confluence of the South Fork Wichita River upstream to the confluence of the Middle Fork Wichita River*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

Enterococcus

Sources

NPS - Non-Point Source; UNK - Source Unknown

SEGII 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*

Assessment Method

Chronic Toxic Substances in water

LOS

CN

Parameter

Selenium

Sources

NPS - Natural Sources; NPS - Upstream Source

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SEGII 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

SEGII 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 - Irrigated Crop Production; NPS - Non-irrigated Crop Production; 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	E. coli	NPS - Non-Point Source; NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl

SEGII 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

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SEGII 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

SEGII 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

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SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Total Phosphorus

Sources

NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - Grazing in Riparian or Shoreline Zones; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); 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

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

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

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Impacts from Resort Areas (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges

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SEGII 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; PS - Drought-related Impacts
<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 (Winter and Non-winter Resorts); 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 (Winter and Non-winter Resorts); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Upstream Source; PS - Municipal Point Source Discharges

SEGII 0229A Lake Tanglewood

Lake Tanglewood - from the dam up to the Palisades neighborhood

AUID: 0229A_01 *Lake Tanglewood from the dam up to the Palisades neighborhood*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Golf Courses; NPS - Municipal (Urbanized High Density Area); NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Residential Districts; 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 - Rural (Residential Areas); NPS - Upstream Source

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SEGII 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

SEGII 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 - Grazing in Riparian or Shoreline Zones; NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Unrestricted Cattle Access

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Agriculture; NPS - Auction Barns; NPS - Manure Runoff; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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SEGII 0301 Sulphur River Below Wright Patman Lake
 From the Arkansas State Line in Bowie/Cass County to Wright Patman Lake Dam in Bowie/Cass County

AUID: 0301_01 *From the Arkansas state line approximately 9 miles upstream to the unnamed creek at NHD RC 11140302004559*

<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 Impoundments (e.g., PI-566 NRCS Structures)

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

<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 Impoundments (e.g., PI-566 NRCS Structures)

SEGII 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)

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SEGII 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>
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_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>
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_14 9000 acres in upper portion 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

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SEGII 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

SEGII 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>
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

SEGII 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

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SEGII 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_05 *Portion of the Sulphur/South Sulphur River from the confluence with the North Sulphur River approximately 43 km (26.5 mi) upstream to Jim L. Chapman Dam (formerly Cooper Lake dam)*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - Animal Feeding Operations (NPS); NPS - Grazing in Riparian or Shoreline Zones; NPS - Livestock (Grazing or Feeding Operations); NPS - Managed Pasture Grazing; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Rangeland Grazing; NPS - Runoff from Forest/Grassland/Parkland; NPS - Rural (Residential Areas); NPS - Upstream Source; NPS - Waterfowl; NPS - Wildlife Other than Waterfowl

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SEGII 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

<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_02 *Portion of White Oak Creek from the confluence with the Lacy Creek approximately 42 km (26 mi) upstream to the confluence with Ripley Creek; 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; 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 - Natural Sources; PS - Municipal Point Source Discharges; 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	CN	E. coli	NPS - Dairies (Outside Milk Parlor Areas); NPS - Unrestricted Cattle Access

<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; 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 - 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

<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

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SEGII 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>
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	CN	E. coli	NPS - Agriculture; NPS - Wildlife Other than Waterfowl

SEGII 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)

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SEGII 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>
Bacteria Geomean	CN	E. coli	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>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Livestock (Grazing or Feeding Operations)

SEGII 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

SEGII 0303N 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	NPS - Livestock (Grazing or Feeding Operations)

SEGII 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Livestock (Grazing or Feeding Operations)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0304

Days Creek

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Bacteria Geomean	CN	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	Acenaphthene	NPS - Contaminated Sediments
<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	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	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	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	Naphthalene	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0304

Days Creek

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

Assessment Method

Toxic Substances in sediment

LOS

CS

Parameter

Pyrene

Sources

NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

SEGII 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*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

Assessment Method

Macrobenthic community (Qualitative)

LOS

CN

Parameter

Macrobenthic Community

Sources

NPS - Channelization; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGII 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*

Assessment Method

Macrobenthic community (Qualitative)

LOS

CN

Parameter

Macrobenthic Community

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

NPS - Channelization

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	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>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	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>
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>
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	Ammonia	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

SEGII 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

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SEGII 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*

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

NPS - Channelization

Assessment Method

Macrobenthic community
(Qualitative)

LOS

CN

Parameter

Macrobenthic
Community

Sources

PS - Industrial Point Source Discharge; PS -
Municipal Point Source Discharges

SEGII 0305D

Big Sandy Creek

From the confluence with the North Sulphur River in Lamar County to .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*

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

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

Assessment Method

Macrobenthic community
(Qualitative)

LOS

CN

Parameter

Macrobenthic
Community

Sources

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	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>
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

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

SEGII 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 meters (275 yards) below the confluence of Barnett Creek on the Middle Sulphur River arm, up to a conservation pool elevation of 440 feet

AUID: 0307_03 *Middle 5000 acres*

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

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 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>
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
<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

AUID: 0401_02 Harrison Bayou arm

<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; 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
<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 minimum	NS	Dissolved Oxygen Grab	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
<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
<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

AUID: 0401_05 Clinton Lake

<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>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	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
<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 - 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 - 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

SEGII 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>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources; 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 - 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; UNK - Source Unknown

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SEGII 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

SEGII 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 screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; PS - Municipal Point Source Discharges

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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

CN

Parameter

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_04 Upper 3700 acres

Assessment Method

Dissolved Oxygen 24hr minimum

LOS

NS

Parameter

Dissolved Oxygen 24hr Min

Sources

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

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

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

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

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	PS - Industrial Point Source Discharge
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	PS - Industrial Point Source Discharge
<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	Sulfate	PS - Industrial Point Source Discharge

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SEGII 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>
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>
Toxic Substances in sediment	CS	Nickel	NPS - Contaminated Sediments; PS - Industrial Point Source Discharge

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SEGII 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>
Bacteria Geomean	NS	E. coli	NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Unrestricted Cattle Access; PS - Industrial Point Source Discharge; UNK - Source Unknown
<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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; 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 - 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 - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGII 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; 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	PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

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SEGII 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*

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

SEGII 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*

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

SEGII 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>
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>
Bioaccumulative Toxics in fish tissue	CS	Mercury	NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

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SEGII 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*

Assessment Method

High pH

LOS

NS

Parameter

pH

Sources

NPS - Upstream Source; UNK - Source Unknown

Assessment Method

Nutrient Reservoir Criteria

LOS

NS

Parameter

Nutrients

Sources

NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Drought-related Impacts

AUID: 0405_02 *Upper 2600 acres*

Assessment Method

High pH

LOS

NS

Parameter

pH

Sources

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

Assessment Method

Nutrient Reservoir Criteria

LOS

NS

Parameter

Nutrients

Sources

NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Drought-related Impacts

AUID: 0405_03 *Panther Arm*

Assessment Method

High pH

LOS

NS

Parameter

pH

Sources

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

Assessment Method

Nutrient Reservoir Criteria

LOS

NS

Parameter

Nutrients

Sources

NPS - Agriculture; NPS - Animal Feeding Operations (NPS); NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Drought-related Impacts

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SEGII 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>
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 - Dairies (Outside Milk Parlor Areas); NPS - Non-Point Source; 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 (Outside Milk Parlor Areas); 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 - Dairies (Outside Milk Parlor Areas); NPS - Non-Point Source

SEGII 0405B Panther Creek

From the confluence with Lake Cypress springs in Franklin County, to approximately .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> 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
<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
<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

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

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SEGII 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>
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)	NS	Fish Community	NPS - Natural Sources; UNK - Source Unknown
<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

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>
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	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; 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

SEGII 0407B Frazier Creek
From the confluence with James Bayou to approximately 4 miles northwest of SH 8 near Red Hill in Cass County

AUID: 0407B_02 *From the confluence with the confluence with NHD RC 11140306000019 near HWY 59 upstream 24.7 km (15.3 mi) to the headwaters*

<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

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SEGII 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

SEGII 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); UNK - Source Unknown

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	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

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); UNK - Source Unknown

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SEGII 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)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations)

SEGII 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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Agriculture; NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; 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>
Bacteria Geomean	NS	E. coli	NPS - Livestock (Grazing or Feeding Operations); UNK - Source Unknown

SEGII 0409E Clear Creek

From the confluence with Little Cypress Creek in Upshur County to 1 km (.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>
Habitat	CS	Habitat	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>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source

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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>
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

<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

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SEGII 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_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>
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>
Acute Toxic Substances in water	NS	Copper	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 - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	CN	Copper	UNK - Source Unknown

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>
Dissolved Oxygen 24hr average	CN	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	UNK - Source Unknown

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SEGII 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>
Bacteria Geomean	CN	E. coli	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>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources; NPS - Non-Point Source; UNK - Source Unknown

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SEGII 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>
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 - Commercial Districts (Industrial Parks); NPS - Inappropriate Waste Disposal; NPS - Marina Boat Maintenance; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Shipbuilding, Repairs, Drydocking; 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 - Commercial Districts (Industrial Parks); NPS - Inappropriate Waste Disposal; 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 - Commercial Districts (Industrial Parks); NPS - Inappropriate Waste Disposal; NPS - Marina Boat Maintenance; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; NPS - Shipbuilding, Repairs, Drydocking; UNK - Source Unknown

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SEGII 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>
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>
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 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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>
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
<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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>
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 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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	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>
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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

Macrobenthic community
(Qualitative)

LOS

CN

Parameter

Macrobenthic
Community

Sources

NPS - Non-Point Source; NPS - Sand/gravel/rock
Mining or Quarries; NPS - Upstream Source

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

NPS - Non-Point Source; NPS - Sand/gravel/rock
Mining or Quarries; NPS - Upstream Source

Assessment Method

Dissolved Oxygen 24hr average

LOS

NS

Parameter

Dissolved Oxygen 24hr
Avg

Sources

NPS - Non-Point Source; NPS - Sand/gravel/rock
Mining or Quarries; NPS - Upstream Source

Assessment Method

Dissolved Oxygen 24hr
minimum

LOS

NS

Parameter

Dissolved Oxygen 24hr
Min

Sources

NPS - Non-Point Source; NPS - Sand/gravel/rock
Mining or Quarries; NPS - Upstream Source

2016 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_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>	<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:	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>	<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:	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>	<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:	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>	<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:	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>	<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:	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>	<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	

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_07 *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*

<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: 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*

<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: 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)*

<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

SEGII 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*

<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

SEGII 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*

<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	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

<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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Natural Conditions - Water Quality Standards Use Attainability 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 - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); PS - Discharges from Biosolids (SLUDGE) Storage, Application or Disposal; PS - Municipal Point Source Discharges

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Impacts from Land Application of Wastes; NPS - Land Application of Wastewater (Non-agricultural); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source; PS - Discharges from Biosolids (SLUDGE) Storage, Application or Disposal; PS - Municipal Point Source Discharges

SEGII 0505C 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0506 Sabine River Below Lake Tawakoni

Sabine River Below Lake Tawakoni - from a point 100 meters (110 yards) downstream of US 271 in Gregg County to Iron Bridge Dam in Rains County

AUID: 0506_01 *Sabine River from a point 100 m downstream of US 271 in Gladewater upstream to the confluence of Big Sandy Creek*

<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 - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl; UNK - Source Unknown

AUID: 0506_03 *Sabine River from the confluence of Lake Fork Creek 12 km southeast of Mineola upstream to the confluence of Grand Saline Creek 7 km west of Mineola*

<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 - Unrestricted Cattle Access; NPS - Wildlife Other than Waterfowl; UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-irrigated Crop Production; NPS - Non-Point Source; 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 - Non-Point 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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

SEGII 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

SEGII 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

2016 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>
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 - Flow Alterations from Water Diversions; 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 - Flow Alterations from Water Diversions; 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

2016 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 minimum	NS	Dissolved Oxygen Grab	NPS - Channelization; NPS - Flow Alterations from Water Diversions; 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 - Flow Alterations from Water Diversions; 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>
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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 - Flow Alterations from Water Diversions; 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 - Flow Alterations from Water Diversions; 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

2016 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 - Flow Alterations from Water Diversions; 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 - Flow Alterations from Water Diversions; 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>
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
<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0508A Adams Bayou Above Tidal

From a point 1.1 km (0.7 mi) upstream of IH 10 in Orange County to the upstream perennial portion of the stream northwest of Orange in Orange Count

AUID: 0508A_01 *From a point 1.1 km (0.7 mi) upstream of IH 10 in Orange County to the upstream perennial portion of the stream northwest of Orange in Orange Count*

<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

<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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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_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>
Low pH	NS	pH	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 screening level	CS	Dissolved Oxygen Grab	NPS - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed; NPS - Non-Point Source

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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

Assessment Method

Dissolved Oxygen 24hr minimum

LOS

NS

Parameter

Dissolved Oxygen 24hr Min

Sources

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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>
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 - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<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 - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Low pH	NS	pH	NPS - Natural Sources; 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 - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Municipal (Urbanized High Density Area); NPS - Natural Sources; NPS - Non-Point Source; NPS - Sediment Resuspension (Clean Sediment); NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges
<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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>
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
<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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)

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SEGII 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

SEGII 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>
Nutrient Screening Levels	CS	Nitrate	NPS - Animal Feeding Operations (NPS); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Upstream Source; NPS - Wildlife Other than Waterfowl

<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 - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Upstream Source; NPS - Wildlife Other than Waterfowl

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Ammonia	NPS - Animal Feeding Operations (NPS); NPS - Grazing in Riparian or Shoreline Zones; NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); NPS - Rangeland Grazing; NPS - Upstream Source

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Animal Feeding Operations (NPS); NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rangeland Grazing; NPS - Upstream Source; NPS - Wildlife Other than Waterfowl

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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>
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 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

SEGII 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 R 255 in Newton County

AUID: 0513_01 *Big Cow Creek from the confluence of 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	CN	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	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 of the Sabine River southeast of Big Sandy upstream to the confluence of Mill Creek near FM 49 north of Hawkins*

<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 confluence of Mill Creek near FM 49 north of Hawkins upstream to the headwater 2.6 km upstream of SH 11 northwest of Winnsboro*

<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 - Non-irrigated Crop Production; 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	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

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SEGII 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>
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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	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 12020003000013*

<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	UNK - Source Unknown

AUID: 0601_04 *Top of last oxbow below Kansas City Southern Railroad bridge to saltwater barrier at NHD RC 12020003000017*

<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

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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>
Nutrient Screening Levels	CS	Ammonia	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>
Chronic Toxic Substances in water	CN	Malathion	UNK - Source Unknown

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SEGII 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

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

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

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SEGII 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*

<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: 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)*

<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

SEGII 0603A Sandy Creek in Jasper County

From the confluence of B.A. Steinhagen Lake southwest of City of Jasper in Jasper County to the confluence of Big and Little Sandy Creeks in City of Jasper in Jasper County

AUID: 0603A_01 *From the confluence with B.A. Steinhagen Lake upstream to confluence with Little Sandy Creek about 0.5 km downstream of Hwy 776, per WQS App. D*

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

SEGII 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)

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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			
Assessment Method	LOS	Parameter	Sources
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			
Assessment Method	LOS	Parameter	Sources
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			
Assessment Method	LOS	Parameter	Sources
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Atmospheric Deposition - Toxics; PS - Industrial Point Source Discharge; UNK - Source Unknown
AUID: 0604_04 From the confluence with Cedar Creek in Cherokee County near Hargrove lake upstream to the confluence with Beech Creek in Anderson County at NHD RC 12020001006717			
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
AUID: 0604_05 From the confluence with Beech Creek in Anderson County upstream to the Blackburn Crossing Dam			
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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SEGII 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

<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; UNK - Source Unknown

SEGII 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

SEGII 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>
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	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

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SEGII 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>
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
<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

SEGII 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>
Nutrient Screening Levels	CS	Ammonia	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>
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
<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 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

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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; UNK - Source Unknown

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

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>
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

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

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

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SEGII 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>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	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>
Bacteria Geomean	NS	E. coli	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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SEGII 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>
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 - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl

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	UNK - Source Unknown

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SEGII 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.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

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)

SEGII 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.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

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SEGII 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>
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	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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SEGII 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>
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/destablization; 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/destablization; UNK - Source Unknown

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SEGIE 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

<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

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 12020007000151.*

<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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGIE 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 12020007000258 upstream to headwaters NE of Devers in Liberty County at NHD RC 12020007000200.*

<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>
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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SEGII 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)*

Assessment Method

Bioaccumulative Toxics in fish tissue

LOS

CS

Parameter

Mercury

Sources

NPS - Atmospheric Deposition - Toxics; NPS - Natural 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: 0608_02 *From the confluence with Cypress Creek (0608C) upstream to confluence with Beech Creek (0608A)*

Assessment Method

Bioaccumulative Toxics in fish tissue

LOS

CS

Parameter

Mercury

Sources

NPS - Atmospheric Deposition - Toxics; NPS - Natural 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: 0608_03 *From the confluence with Beech Creek (0608A) upstream to confluence with Big Sandy Creek and Kimball Creek in Hardin County*

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Atmospheric Deposition - Toxics; UNK - Source Unknown

SEGII 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*

Assessment Method

Acute Toxic Substances in water

LOS

NS

Parameter

Copper

Sources

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.*

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGII 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>
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>
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

SEGII 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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SEGII 0608F Turkey Creek

Perennial stream from the confluence with Village Creek up to 1.6 km above U.S. 69 north of City of Woodville

AUID: 0608F_02 *From the confluence with Big Cypress Creek in Tyler County upstream to confluence with unnamed tributary about 1.6 km above U.S. 69 north of City of Woodville, per WQS App. D, at NHD RC 12020006000057*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Agriculture; NPS - Grazing in Riparian or Shoreline Zones; NPS - Livestock (Grazing or Feeding Operations)

SEGII 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

SEGII 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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SEGII 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>
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>
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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	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>
High pH	CN	pH	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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown

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SEGII 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	Manganese	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>
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>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Toxic Substances in sediment	CS	Iron	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_07 Sam Rayburn upper Angelina arm

<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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	CN	Copper	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

AUID: 0610_08 Sam Rayburn Bear Creek 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

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SEGII 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>
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>
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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_10 *Sam Rayburn upper Ayish Bayou arm*

<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
<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>
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>
Toxic Substances in sediment	CS	Iron	UNK - Source Unknown

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SEGII 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.*

<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	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.*

<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

SEGII 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*

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

SEGII 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.*

<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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	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>
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	CN	E. coli	UNK - Source Unknown

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SEGII 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

SEGII 0611D West Mud Creek

Perennial stream from the confluence with Mud Creek in Cherokee County to the confluence of an unnamed tributary 300 meters upstream of the most northern crossing of US 69 (approximately 2.25 km south of the intersection of Loop 323) in the City of Tyler,

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

Nitrate

Sources

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

AUID: 0611D_02 *From the confluence with unnamed tributary about 75 m north of WWTP in City of Tyler upstream to confluence of unnamed tributary about 300 meters upstream of the most northern crossing of US 69 in City of Tyler, per WQS App. D, at NHD RC 12020004000212.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Wet Weather Discharges (Non-Point Source); NPS - Wildlife Other than Waterfowl; PS - Municipal Point Source Discharges

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Ammonia

Sources

UNK - Source Unknown

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SEGII 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_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

SEGII 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

SEGII 0615

Angelina River/Sam Rayburn Reservoir

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

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

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

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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SEGII 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)*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

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SEGII 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 in Jefferson County

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

<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>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

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

<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>
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Natural Sources; 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: 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Bioaccumulative Toxics in fish tissue	CS	Arsenic	UNK - Source Unknown

SEGII 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>
Bacteria Geomean	NS	Enterococcus	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: 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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
<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

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>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
<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

SEGII 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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SEGII 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	Ammonia	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>
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 - 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>
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	Chlorophyll-a	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGIE 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>
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

SEGIE 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

<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 - Point Source Unknown

SEGIE 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 miles (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 miles (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

<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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SEGII 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 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	Total Phosphorus	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	NS	Dissolved Oxygen Grab	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	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 miles of segment*

<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	PS - Point Source Unknown; UNK - Source Unknown

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
High pH	CN	pH	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_03 *11 miles upstream to approx. 9 miles downstream of FM 787*

<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	PS - Point Source Unknown; 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 miles upstream to 11 miles downstream of US 59*

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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_05 *Upper 6 miles of segment*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

PS - Point Source Unknown; UNK - Source Unknown

Assessment Method

DSHS Advisories, Closures, and Risk Assessments

LOS

NS

Parameter

Restricted-Consumption

Sources

NPS - Non-Point Source

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

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

<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>
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_04 *Middle portion of reservoir, East Pointblank*

<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_05 *Middle portion of reservoir, downstream of Kickapoo Creek*

<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>
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_07 *Upper portion of reservoir, west of Carlisle*

<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>
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

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SEGII 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>
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>
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_11 *Riverine portion of reservoir, centering on SH 21*

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

AUID: 0803_12 *Remainder of reservoir*

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

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

<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

SEGII 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 miles of segment*

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

SEGII 0803E Nelson Creek

From the confluence with segment 0803 Trinity River, to upper end of Nelson Creek NHD RC 12030202005424

AUID: 0803E_01 *From the confluence with segment 0803 Trinity River, to upper end of Nelson Creek NHD RC 12030202005424*

<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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SEGII 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>
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

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

SEGII 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

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SEGII 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	Chlorophyll-a	PS - Point Source Unknown; 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	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

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	Chlorophyll-a	PS - Point Source Unknown; 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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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>
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

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	Nitrate	UNK - Source Unknown

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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 - Point Source Unknown; 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

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

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGIE 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 *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.*

<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	CN	E. coli	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	NPS - Natural Sources

SEGIE 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>
Bacteria Geomean	CN	E. coli	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

<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 - Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

SEGII 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	CN	E. coli	UNK - Source Unknown

SEGII 0804L Town Creek
Perennial stream from the confluence with the Trinity River upstream to SH 256 (Appendix D)

AUID: 0804L_01 Perennial stream from the confluence with the Trinity River upstream to SH 256 (Appendix 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; 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 - Point 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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 - Point 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>
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	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 - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	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 - Point 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

SEGII 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 - Point Source Unknown

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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bioaccumulative Toxics in fish tissue	CS	Arsenic	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; PS - Point Source Unknown

SEGII 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*

<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

SEGII 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 miles upstream to Tenmile Bridge Rd. in Ft. Worth*

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

SEGII 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 mile stretch of Sycamore Creek running upstream from confluence with the W. Fork of Trinity River to confluence with Echo Lake Tributary in Fort Worth*

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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)

SEGII 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 miles) 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

SEGII 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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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

SEGII 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

SEGII 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

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SEGII 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 miles of segment*

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

SEGII 0810A Big Sandy Creek
 Fifteen mi stretch of Sycamore Creek running upstream from confluence with Waggoner Creek to FM 1810, west of Alvord, Wise County

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

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

SEGII 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 mile 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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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 - Point Source Unknown

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SEGII 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 - Point Source Unknown; UNK - Source Unknown

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

SEGII 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 Solids	NS	Sulfate	UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID	0817	Navarro Mills Lake	From Navarro Mills Dam in Navarro County up to normal pool elevation of 424.5 feet (impounds Richland Creek)
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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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Criteria	CN	Nutrients	NPS - Non-Point Source

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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> High pH	<u>LOS</u> <i>NS</i>	<u>Parameter</u> pH	<u>Sources</u> NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 0818_02 Caney Creek cove			
<u>Assessment Method</u> High pH	<u>LOS</u> <i>NS</i>	<u>Parameter</u> pH	<u>Sources</u> NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 0818_03 Clear Creek cove			
<u>Assessment Method</u> High pH	<u>LOS</u> <i>NS</i>	<u>Parameter</u> pH	<u>Sources</u> NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 0818_04 Lower portion of reservoir east of Key Ranch Estates			
<u>Assessment Method</u> High pH	<u>LOS</u> <i>NS</i>	<u>Parameter</u> pH	<u>Sources</u> UNK - Source Unknown
AUID: 0818_05 Cove off lower portion of reservoir adjacent to Clearview Estates			
<u>Assessment Method</u> High pH	<u>LOS</u> <i>NS</i>	<u>Parameter</u> pH	<u>Sources</u> NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 0818_06 Middle portion of reservoir downstream of Twin Creeks cove			
<u>Assessment Method</u> High pH	<u>LOS</u> <i>NS</i>	<u>Parameter</u> pH	<u>Sources</u> NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 0818_07 Twin Creeks cove			
<u>Assessment Method</u> High pH	<u>LOS</u> <i>NS</i>	<u>Parameter</u> pH	<u>Sources</u> NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 0818_08 Prairie Creek cove			
<u>Assessment Method</u> High pH	<u>LOS</u> <i>NS</i>	<u>Parameter</u> pH	<u>Sources</u> NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

SEGII 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	CN	E. coli	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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

SEGII 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*

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

SEGII 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*

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

SEGII 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*

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	PS - Point Source Unknown; UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Nutrient Screening Levels	CS	Nitrate	PS - Municipal Point Source Discharges
<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)

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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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
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AUID: 0822_01 *Lower 11 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	UNK - Source Unknown
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown
Dissolved Solids	NS	Sulfate	UNK - Source Unknown

AUID: 0822_02 *4.5 miles upstream to 7.5 miles downstream DWU intake*

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

AUID: 0822_03 *1.0 mi upstream to 4.5 miles downstream SH 121*

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

AUID: 0822_04 *Upper 1.5 miles of segment*

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 mile stretch of Cottonwood Branch running upstream from confluence with Hackberry Creek to approx. 0.5 miles 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 mile stretch of Cottonwood Branch running upstream from approximately 0.5 miles 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

SEGII 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 mile stretch of Hackberry Creek running upstream from confluence with S. Fork Hackberry Creek to approximately 2.4 miles upstream of SH 114 in Irving, Dallas Co.*

<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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 miles of segment*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

UNK - Source Unknown

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

PS - Point Source Unknown; UNK - Source Unknown

AUID: 0824_02 *2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

UNK - Source Unknown

AUID: 0824_03 *3.5 mile reach near SH 51*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

PS - Point Source Unknown; UNK - Source Unknown

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

PS - Point Source Unknown; UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII	0826	Grapevine Lake	From Grapevine Dam in Tarrant County up to normal pool elevation of 535 feet (impounds Denton Creek)
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AUID: 0826_01 *Lowermost portion of reservoir*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

AUID: 0826_02 *Morehead Creek cove*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

AUID: 0826_03 *Lower portion of reservoir north of Oak Grove Park*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

AUID: 0826_04 *North Main Slough cove*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

AUID: 0826_05 *Middle portion of reservoir east of Meadowmere Park*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

AUID: 0826_06 *Middle portion of reservoir southeast of Walnut Grove Park*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

AUID: 0826_07 *Upper portion of reservoir east of Marshall Creek Park*

<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>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0826 Grapevine Lake
From Grapevine Dam in Tarrant County up to normal pool elevation of 535 feet (impounds Denton Creek)

AUID: 0826_08 *Remainder of reservoir*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

SEGII 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*

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

SEGII 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*

<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); UNK - Source Unknown

SEGII 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*

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0829 Clear Fork Trinity River Below Benbrook Lake

From the confluence with the West Fork Trinity River in Tarrant County to Benbrook Dam in Tarrant County

AUID: 0829_01 *From the confluence with West Fork Trinity River to 1 mile upstream.*

<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 - Point Source Unknown; UNK - Source Unknown

AUID: 0829_02 *From 1 mile upstream of the confluence with West Fork Trinity River up to the confluence with Mary's Creek.*

<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 - Point 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

<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 - Point Source Unknown

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 - Point Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID 0831

Clear Fork Trinity River Below Lake Weatherford

From a point 200 meters (220 yards) downstream of US 377 in Tarrant County to Weatherford Dam in Parker County

AUID: 0831_01 *Lower 12.75 miles, downstream from South Fork Trinity River confluence*

<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	Total Phosphorus	PS - Municipal Point Source Discharges

AUID: 0831_04 *2 mi upstream of South Fork Trinity River confluence to Squaw Ck. Confluence*

<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

AUID: 0831_05 *From the confluence of Squaw Ck. to Lake Weatherford Dam*

<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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 mile stretch of S. 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

SEGII 0831B Unnamed Tributary of South Fork Trinity River

A 4.4 mi (7.1 KM) stretch of unnamed tributary to South Fork Trinity River stretching from the confluence to the upper end of the creek (NHD RC 12030102000351)

AUID: 0831B_01 *A 4.4 mi (7.1 KM) stretch of unnamed tributary to South Fork Trinity River stretching from the confluence to the upper end of the creek (NHD RC 12030102000351)*

<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Point 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 - Point Source Unknown; 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 - Point Source Unknown; 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 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 minimum	CN	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Point Source Unknown; 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 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

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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 (impoun												
AUID: 0836_01 Lowermost portion of reservoir, adjacent to dam												
<table><tr><td>Assessment Method</td><td>LOS</td><td>Parameter</td><td>Sources</td></tr><tr><td>Nutrient Reservoir Narrative Criteria</td><td>CS</td><td>Nutrients</td><td>UNK - Source Unknown</td></tr></table>					Assessment Method	LOS	Parameter	Sources	Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources									
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown									
AUID: 0836_02 Confluence of Richland and Chambers Creek arms												
<table><tr><td>Assessment Method</td><td>LOS</td><td>Parameter</td><td>Sources</td></tr><tr><td>Nutrient Reservoir Narrative Criteria</td><td>CS</td><td>Nutrients</td><td>UNK - Source Unknown</td></tr></table>					Assessment Method	LOS	Parameter	Sources	Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources									
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown									
AUID: 0836_03 Lower portion of Chambers Creek arm												
<table><tr><td>Assessment Method</td><td>LOS</td><td>Parameter</td><td>Sources</td></tr><tr><td>Nutrient Reservoir Narrative Criteria</td><td>CS</td><td>Nutrients</td><td>UNK - Source Unknown</td></tr></table>					Assessment Method	LOS	Parameter	Sources	Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources									
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown									
AUID: 0836_04 Upper portion of Chambers Creek arm												
<table><tr><td>Assessment Method</td><td>LOS</td><td>Parameter</td><td>Sources</td></tr><tr><td>Nutrient Reservoir Narrative Criteria</td><td>CS</td><td>Nutrients</td><td>UNK - Source Unknown</td></tr></table>					Assessment Method	LOS	Parameter	Sources	Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources									
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown									
AUID: 0836_05 Lower portion of Richland Creek arm												
<table><tr><td>Assessment Method</td><td>LOS</td><td>Parameter</td><td>Sources</td></tr><tr><td>Nutrient Reservoir Narrative Criteria</td><td>CS</td><td>Nutrients</td><td>UNK - Source Unknown</td></tr></table>					Assessment Method	LOS	Parameter	Sources	Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources									
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown									
AUID: 0836_06 Upper portion of Richland Creek arm												
<table><tr><td>Assessment Method</td><td>LOS</td><td>Parameter</td><td>Sources</td></tr><tr><td>Nutrient Reservoir Narrative Criteria</td><td>CS</td><td>Nutrients</td><td>UNK - Source Unknown</td></tr></table>					Assessment Method	LOS	Parameter	Sources	Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources									
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown									

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

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

AUID: 0836_08 *Post Oak Creek Arm off of Chambers Creek Arm of Richland Chambers Reservoir.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Reservoir Narrative Criteria	CS	Nutrients	UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 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

<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

SEGII 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

<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGIE 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

SEGIE 0838C **Walnut Creek**
 From the confluence with Joe Pool Lake up to the headwaters at Spring Street in Burleson.

AUID: 0838C_01 *From the confluence with Joe Pool Lake up to the headwaters at Spring Street in Burleson.*

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

SEGIE 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	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>
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 - Point Source Unknown

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 - Point 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>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

SEGII 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.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

SEGII 0841J Estelle Creek

A 4 mi stretch of Estelle Creek running upstream from confluence with Bear Creek to Valley View Lane in Irving, Dallas County.

AUID: 0841J_01 *A 4 mi stretch of Estelle Creek running upstream from confluence with Bear Creek to Valley View Lane in Irving, Dallas County.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

SEGII 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.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 wit the Lower West Fork Trinity River, upstream to just south of Mayfield Road in Arlington, Tarrant, Co..*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

UNK - Source Unknown

SEGII 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).*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

UNK - Source Unknown

SEGII 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.*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0841C 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>
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGII 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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	UNK - Source Unknown

SEGII 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

SEGII 0841R Rush Creek

A 5 mi stretch of Rush Creek running upstream from confluence with Village Creek to confluence with Kee Branch in Arlington, Tarrant Co.

AUID: 0841R_01 *A 5 mi stretch of Rush Creek running upstream from confluence with Village Creek to confluence with Kee Branch in Arlington, Tarrant Co.*

<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	Chlorophyll-a	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 0841T Village Creek

A 7 mi stretch of Village Creek running upstream from confluence with West Fork Trinity River to SH 303 approx. 0.75 mi downstream of Lake Arlington.

AUID: 0841T_01 *A 7 mile stretch of Village Creek running upstream from confluence with West Fork Trinity River to SH 303 approx. 0.75 mi. downstream of Lake Arlington.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

SEGII 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 mile stretch of West Irving Branch running upstream from approx. 0.4 mi. downstream of Oakdale Rd. to just south of Sowers Road in Irving, Dallas Co.*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

SEGII 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)*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Discharges from Municipal Separate Storm Sewer Systems (MS4)

SEGII 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*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Rural (Residential Areas)
<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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

High pH

LOS

NS

Parameter

pH

Sources

NPS - Natural Sources; PS - Point Source
Unknown; UNK - Source Unknown

AUID: 1002_05 *From Foley Road to the Lake Houston Dam*

Assessment Method

High pH

LOS

NS

Parameter

pH

Sources

UNK - Source Unknown

AUID: 1002_06 *From the confluence with Spring Creek to West Lake Houston Pkwy*

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); PS - Sanitary Sewer Overflows (Collection System Failures)

SEGII 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*

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

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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

SEGII 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

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SEGII 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	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 - 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>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Habitat Modification - other than Hydromodification; NPS - Loss of Riparian Habitat; 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

SEGII 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

SEGII 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*

<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

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SEGII 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>
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

AUID: 1005_02 Lynchburg Ferry Road to Goose Island

<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_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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SEGII 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>
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)

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>
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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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SEGII 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_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>
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>
Toxic Substances in sediment	CS	DDD	PS - Industrial Point Source Discharge; PS - Point Source Unknown
<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 - Point 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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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SEGII 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>
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>
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>
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>
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

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SEGII 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>
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>
Enterococci (1006, 1007) geometric mean	NS	Enterococcus	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>
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_06 *Tucker Bayou- From the Houston Ship Channel confluence to a point 2.7 km (1.7 mi) upstream*

<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)

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SEGII 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_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)*

<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
<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

SEGII 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>
Nutrient Screening Levels	CS	Total Phosphorus	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)
<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 - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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SEGII 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	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>
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1006D_02 From US 59 upstream to Frick 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	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)

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SEGII 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*

<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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGII 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)

SEGII 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>
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)

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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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGII 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>
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)

<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

<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: 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>
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

<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)

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SEGII 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_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>
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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted-Consumption	NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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>
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 - 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

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SEGII 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>
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>
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>
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>
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
<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)

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SEGII 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_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>
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
<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

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>
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>
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
<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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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>
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>
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

SEGII 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	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)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	CN	Dissolved Oxygen Grab	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

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SEGII 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	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; 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)

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	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	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	Total Phosphorus	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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SEGII 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> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Ammonia	<u>Sources</u> NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGII 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>
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)

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	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

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SEGII 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_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>
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	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

SEGII 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)

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SEGII 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	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)

SEGII 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)
<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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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	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 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>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGII 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>
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)

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SEGII 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>
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	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>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGII 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)

SEGII 1007N 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>
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)

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SEGII 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>
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	Ammonia	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGII 1007C 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>
Dissolved Oxygen grab minimum	NS	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>
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)

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SEGII 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>
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 grab minimum	CN	Dissolved Oxygen Grab	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 - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_03 From Falls Street to Loop 610

<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 - 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

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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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)

SEGII 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)

SEGII 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>
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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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)

SEGII 1007V 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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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
<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

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	Nitrate	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>
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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_04 *IH 45 to the confluence with Lake Houston*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Total Phosphorus

Sources

NPS - Grazing in Riparian or Shoreline Zones; NPS - Rural (Residential Areas)

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGII 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*

Assessment Method

Chronic Toxic Substances in water

LOS

CN

Parameter

Cadmium

Sources

NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers

AUID: 1008B_02 *From a point 0.22 miles (0.35 km) upstream of the Bear Branch confluence to the confluence of Lake Woodlands*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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>
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

SEGII 1008E Bear Branch

From the Upper Panther Branch confluence to south of FM 1488 in Montgomery County

AUID: 1008E_01 *From Upper Panther Branch confluence to south of FM 1488*

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

<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 - Sanitary Sewer Overflows (Collection System Failures)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	CN	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1008F_02 Northshore Park/Woodlock Forest to inflow from unnamed tributary

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	CN	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1008F_03 From inflow of unnamed tributary to dam

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	CN	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1008F_04 Arm near dam adjacent to West Isle Drive and Pleasure Cove Drive

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	CN	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGII 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

<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
<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; PS - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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

<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; PS - Point Source Unknown

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

<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); NPS - Urban Runoff/Storm Sewers; PS - Point 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 - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers

2016 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
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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>
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
<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

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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
<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)

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	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>
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	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown; PS - Sanitary Sewer Overflows (Collection System Failures)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	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)
<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

SEGII 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>
Nutrient Screening Levels	CS	Ammonia	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
<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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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> Dissolved Oxygen grab screening level	<u>LOS</u> CS	<u>Parameter</u> Dissolved Oxygen Grab	<u>Sources</u> NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); PS - Municipal Point Source Discharges
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Non-Point Source; PS - Municipal Point Source Discharges
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	CN	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)

SEGII 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)

<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)

<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 - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Rural (Residential Areas)

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SEGII 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>
Habitat	CS	Habitat	NPS - Agriculture; NPS - Loss of Riparian Habitat

<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)

SEGII 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_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

SEGII 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)

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SEGII 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>
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)	CN	Macrobenthic Community	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGII 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>
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 - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGII 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)

SEGII 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)

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SEGII 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)

SEGII 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)

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SEGII 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>
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)

SEGII 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>
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)
<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)

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SEGII 1014K Turkey Creek

From the South Mayde Creek confluence upstream to a point 1.1 km (0.68 mi) directly east of FM 529 in Harris County

AUID: 1014K_01 *From the South Mayde Creek confluence upstream to 0.17 km (0.1 mi) south of Clay Road*

<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 *From 0.17 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)

SEGII 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>
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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SEGII 1014N 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>
Fish community (Regional)	NS	Fish 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>
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>
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>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGII 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 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
<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

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SEGII 1014C 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>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGII 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>
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	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

SEGII 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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SEGII 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	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)
<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: 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>
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)
<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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SEGII 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>
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)

SEGII 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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SEGII 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>
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

SEGII 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>
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 - 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 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGII 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>
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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SEGII 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>
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)

SEGII 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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SEGII 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>
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	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)

SEGII 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>
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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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>
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>
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	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

SEGII 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)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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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SEGII 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 - Point 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: 1101_02 *Chigger Creek confluence to IH 45*

<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 - 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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>
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

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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SEGII 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>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGII 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

SEGII 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>
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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

Enterococcus

Sources

NPS - Non-Point Source; NPS - Unspecified Urban Stormwater

SEGII 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)*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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SEGII 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 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>
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	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 and No-Consumption	UNK - Source Unknown

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	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>
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

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SEGII 1102

Clear Creek Above Tidal

From a point 100 meters (110 yards) upstream of FM 528 in Galveston/Harris County to Rouen Road in Fort Bend County

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

<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
<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

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

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SEGII 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

SEGII 1102B Mary's Creek/ North Fork Mary's Creek
Perennial stream from the confl. With Clear Creek to confl. with N. and S. Fork Mary's Creek near FM 1128, approx. 5 km SW Pearland. Includes perennial portion of N. Fork Mary's Creek to confl. with unnamed trib approx. 3.2 km upstrm of FM 1128

AUID: 1102B_01 From the Clear Creek Above Tidal confluence upstream to the N. and S. Fork Mary's Creek near FM 1128

<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

<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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 - 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 - 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 - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGII 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
<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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SEGII 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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	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; 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

SEGII 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

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SEGII 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>
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; PS - Point 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: 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>
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 - Point 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 - Point 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	Chlorophyll-a	NPS - Urban Runoff/Storm Sewers; PS - Sanitary Sewer Overflows (Collection System Failures)

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SEGII 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 - Point 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 - Point 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 - Point 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: 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>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Urban Runoff/Storm Sewers; PS - Point 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>
Bacteria Geomean	NS	Enterococcus	NPS - Urban Runoff/Storm Sewers; PS - Point 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 - Point 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

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SEGII 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 - 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

SEGII 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 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

SEGII 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 screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point 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; PS - Point 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; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown

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SEGII 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 - Point Source Unknown

SEGII 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>
Bacteria Geomean	NS	E. coli	NPS - Urban Runoff/Storm Sewers; PS - Point 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 - Point Source Unknown

SEGII 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>
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point 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; 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)

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SEGII 1103G Unnamed Tributary of Gum Bayou

From the confluence with Gum Bayou to a point 0.39 miles 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 miles 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>
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 - Urban Runoff/Storm Sewers; UNK - Source Unknown

SEGII 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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	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

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SEGII 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 kilometers (0.7 miles) downstream of the Intracoastal Waterway in Brazoria County to a point 8.6 km (5.3 miles) 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 minimum	CN	Dissolved Oxygen Grab	NPS - Non-Point Source; NPS - Rural (Residential Areas); PS - Point 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 - Point 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); PS - Point Source Unknown

SEGII 1105A

Flores Bayou

From a point 2.6 km (1.6 mi) downstream of County Road 171 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*

<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 - 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; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

SEGII 1105B

Austin Bayou Tidal

From the Bastrop Bayou Tidal confluence to the FM 2004 bridge crossing in Brazoria County

AUID: 1105B_01 *From the Bastrop Bayou Tidal confluence to the FM 2004 bridge crossing*

<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)

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SEGII 1105C Austin Bayou Above Tidal

From FM 2004 upstream (Austin Bayou Tidal upper boundary) to 1.73 mi upstream from where the water body crosses county road 51.

AUID: 1105C_01 *From FM 2004 upstream (Austin Bayou Tidal upper boundary) to 1.73 mi upstream from where the water body crosses county road 51.*

<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); NPS - Septage Disposal

SEGII 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 057 km (0.35 mi) upstream of SH 288 Bus*

<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)

<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 - Rural (Residential Areas)

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SEGII 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>
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	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>
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 minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source

SEGII 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>
Bacteria Geomean	NS	Enterococcus	NPS - Non-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	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGII 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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

Enterococcus

Sources

NPS - Non-Point Source; NPS - Rural (Residential Areas); UNK - Source Unknown

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SEGII 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>
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	Chlorophyll-a	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	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 - Rural (Residential Areas); 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>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Habitat	CS	Habitat	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

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SEGID 1111

Old Brazos River Channel Tidal

From the Intercoastal Waterway confluence to SH 288 in Brazoria County

AUID: 1111_01 *From the Intracoastal Waterway confluence State Hwy 288*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers

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SEGII 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>
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>
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>
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; NPS - Urban Runoff/Storm Sewers

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SEGII 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>
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; 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
<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

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SEGII 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 (point 0.8 km (0.5 miles) downstream of Genoa-Red Bluff Road) upstream to Beltway 8*

<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 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>
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 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

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SEGII 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>
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	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	Total Phosphorus	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 - Point 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 - 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

SEGII 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

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SEGII 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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers

SEGII 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

SEGII 1201 Brazos River Tidal

From the confluence with the Gulf of Mexico in Brazoria County to a point 100 meters (110 miles)
upstream of SH 332 in Brazoria County

AUID: 1201_01 *From the confluence with the Gulf of Mexico in Brazoria County to a point 100 meters (110 miles)
upstream of SH 332 in Brazoria County*

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

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SEGII 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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Agriculture; NPS - Loss of Riparian Habitat; NPS - Wildlife Other than Waterfowl; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

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.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	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.*

<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

SEGII 1202H Allen's Creek

From the confluence with the Brazos River, two miles northeast of Wallis, to the headwaters one mile north of IH 10 in Austin County.

AUID: 1202H_01 *From the confluence with the Brazos River, two miles northeast of Wallis, to the headwaters one mile north of IH 10 in Austin County.*

<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

<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

<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 - Rangeland Grazing

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SEGII 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>
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>
Habitat	CS	Habitat	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 - Agriculture; NPS - Non-Point Source; NPS - Rural (Residential Areas)

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	CN	E. coli	NPS - Livestock (Grazing or Feeding Operations); NPS - Wildlife Other than Waterfowl

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SEGII 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>
Habitat	CS	Habitat	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	NS	E. coli	UNK - Source Unknown

SEGII 1203 Whitney Lake
From Whitney Dam to a point immediately upstream of the confluence of Camp Creek on the Brazos River Arm and to a point immediately upstream of the confluence of Rock Creek on the Nolan River Arm, up to the normal pool elevation of 533 feet (impounds Braz

AUID: 1203_01 *Portion near dam*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	NPS - Internal Nutrient Recycling

SEGII 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/destablization

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

SEGII 1204A Camp Creek
From its confluence with the Brazos River downstream of Lake Granbury, upstream to its headwaters, 0.9 miles north of US Hwy 67 in Johnson County.

AUID: 1204A_01 *From its confluence with the Brazos River downstream of Lake Granbury, upstream to its headwaters, 0.9 miles north of US Hwy 67 in Johnson County.*

<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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SEGII 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_05 *Downstream portion of lake*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

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

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

PS - Municipal Point Source Discharges

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SEGII 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.*

Assessment Method

Macrobenthic community
(Qualitative)

LOS

CN

Parameter

Macrobenthic
Community

Sources

NPS - Impacts from Hydrostructure Flow
Regulation/modification; NPS - Loss of Riparian
Habitat

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

NPS - Impacts from Hydrostructure Flow
Regulation/modification; NPS - Loss of Riparian
Habitat

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source

AUID: 1206_02 *Portion of Brazos River from confluence with Rock Creek upstream to confluence with Elm Creek in Palo Pinto County.*

Assessment Method

Macrobenthic community
(Qualitative)

LOS

CN

Parameter

Macrobenthic
Community

Sources

NPS - Impacts from Hydrostructure Flow
Regulation/modification; NPS - Loss of Riparian
Habitat

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

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.*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

PS - Municipal Point Source Discharges

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SEGII 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>
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>
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>
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

SEGII 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

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

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SEGII 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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	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 - 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
<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

AUID: 1209_02 *Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch 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 - Non-Point Source

AUID: 1209_03 *Portion of Navasota River from confluence with Sandy Branch upstream to confluence with Shepherd Branch in Madison 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); NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); 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>
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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SEGII 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

SEGII 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	Arsenic	NPS - Industrial Land Treatment

<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	Copper	NPS - Industrial Land Treatment

<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>
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	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>
LOE Toxic Sediment condition	NS	Sediment Toxicity (LOE)	NPS - Industrial Land Treatment; NPS - Non-Point Source

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SEGII 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>
Bacteria Geomean	NS	E. coli	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	Chlorophyll-a	NPS - Non-Point Source
<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>
Nutrient Screening Levels	CS	Nitrate	NPS - Animal Feeding Operations (NPS); NPS - Rangeland Grazing; PS - Municipal Point Source Discharges

SEGII 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

SEGII 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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SEGII 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 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>
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>
Bacteria Geomean	NS	E. coli	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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SEGII 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>
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 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>
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

SEGII 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

SEGII 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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SEGII 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

SEGII 1209C 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

SEGII 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

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SEGII 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)

SEGII 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

SEGII 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>
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

<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

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SEGII 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

SEGII 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

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SEGII 1212C Nail Creek

Nail Creek from the confluence of Yegua Creek upstream to the headwater 340 m north of US 290 west of Giddings

AUID: 1212C_01 *Nail Creek from the confluence of Yegua Creek upstream to the headwater 340 m north of US 290 west of Giddings*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Agriculture
<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	Chlorophyll-a	NPS - Agriculture

SEGII 1212K Brushy Creek

Brushy Creek from the confluence of Somerville Lake upstream to the headwater near the intersection of Burleson CR 408 and CR 415 approximately 3 km northwest of Somerville

AUID: 1212K_01 *Brushy Creek from the confluence of Somerville Lake upstream to the headwater near the intersection of Burleson CR 408 and CR 415 approximately 3 km northwest of Somerville*

<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)

SEGII 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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SEGII 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*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Chlorophyll-a

Sources
NPS - Non-Point Source

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Nitrate

Sources
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*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Nitrate

Sources
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*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Nitrate

Sources
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*

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Nitrate

Sources
NPS - Non-Point Source

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

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

SEGII 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.*

Assessment Method
Bacteria Geomean

LOS
NS

Parameter
E. coli

Sources
UNK - Source Unknown

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SEGII 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
<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	Nitrate	UNK - Source Unknown

SEGII 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

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SEGII 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>
Nutrient Screening Levels	CS	Nitrate	NPS - Natural Sources; 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
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Municipal Point Source Discharges

AUID: 1214_02 *From confluence with Alligator Creek upstream to Lake Granger*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	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; PS - Municipal Point Source Discharges

SEGII 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 (Outside Milk Parlor Areas); NPS - Loss of Riparian Habitat; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); NPS - Wildlife Other than Waterfowl

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SEGII 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

SEGII 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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SEGII 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>
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
<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

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SEGII 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

SEGII 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

SEGII 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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SEGII 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 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 - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

AUID: 1221_05 *From confluence with Pecan Creek, upstream to confluence with South Leon Creek*

<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 - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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 - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); 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 - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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SEGII 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>
Continuous Dissolved Oxygen Daily 24hr Minimum	NS	Continuous Dissolved Oxygen 24hr	NPS - Agriculture; NPS - Natural Sources; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); 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
<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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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 - Natural Sources; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); 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 - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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>
Habitat	CS	Habitat	UNK - Source Unknown

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SEGII 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 - Point Source Unknown

SEGII 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 - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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>
Bacteria Geomean	NS	E. coli	NPS - Natural Sources; UNK - Source Unknown

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SEGII 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 - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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>
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	NPS - Natural Sources
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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 - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Non-Point Source

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SEGII 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

SEGII 1222D Sowells 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

SEGII 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

SEGII 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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SEGII 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>
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>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Natural Sources

SEGII 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>
Bacteria Geomean	NS	E. coli	NPS - Natural Sources; NPS - Non-Point Source

SEGII 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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SEGII 1226

North Bosque River

From a point 0.51 km (0.32 mi) downstream of Caldwell Crossing in McLennan County to a point immediately upstream of the confluence of Indian Creek in Erath County

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 - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); 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 - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); 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 - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	NS	Algae	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); 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 - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Enrichment	NS	Algae	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 1226

North Bosque River

From a point 0.51 km (0.32 mi) downstream of Caldwell Crossing 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.*

Assessment Method
Macrobenthic community
(Qualitative)

LOS
CN

Parameter
Macrobenthic
Community

Sources
UNK - Source Unknown

Assessment Method
Nutrient Enrichment

LOS
NS

Parameter
Algae

Sources
NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Chlorophyll-a

Sources
NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

SEGII 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*

Assessment Method
Continuous Dissolved Oxygen
Daily 24hr Average

LOS
NS

Parameter
Continuous Dissolved
Oxygen 24hr

Sources
NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Assessment Method
Continuous Dissolved Oxygen
Daily 24hr Minimum

LOS
NS

Parameter
Continuous Dissolved
Oxygen 24hr

Sources
NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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SEGII 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 - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

<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

SEGII 1226F Sims Creek

From the confluence with the North Bosque River in Erath County to the headwaters 6 mi southeast of Stephenville in Erath County

AUID: 1226F_01 *From the confluence with the North Bosque River in Erath County to the headwaters 6 mi southeast of Stephenville in Erath County*

<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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

<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

SEGII 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>
Bacteria Geomean	NS	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	NPS - Internal Nutrient Recycling

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SEGII 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 - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 1226N Little Green Creek

From its confluence with Green Creek, upstream to its confluence with the North and South Forks of Little Green Creek, 2.4 mi south of SH 6 in Erath County.

AUID: 1226M_01 *From its confluence with Green Creek, upstream to its confluence with the North and South Forks of Little Green Creek, 2.4 mi south of SH 6 in Erath County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 1226C 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 - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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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>
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>
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>
Dissolved Solids	NS	Chloride	PS - Municipal Point Source Discharges

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SEGII 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_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	Chloride	PS - Municipal Point Source Discharges
<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>
Bacteria Geomean	CN	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	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>
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	Total Dissolved Solids	PS - Municipal Point Source Discharges

SEGII 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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SEGII 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 - Point Source Unknown

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

<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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; PS - Point Source Unknown

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 - Internal Nutrient Recycling; PS - Point 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 - Point Source Unknown

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SEGII 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>
Fish community (Regional)	NS	Fish Community	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Natural Sources
<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; 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	Nitrate	NPS - Non-Point Source; 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	UNK - Source Unknown

SEGII 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
<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: 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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SEGII 1233 Hubbard Creek Reservoir
From Hubbard Creek Dam in Stephens County up to the normal pool elevation of 1183 feet (impounds Hubbard Creek)

AUID: 1233_02 Hubbard Creek Arm

<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

SEGII 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>
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	CN	E. coli	NPS - Natural Sources; NPS - Non-Point Source

SEGII 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

SEGII 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	Total Dissolved Solids	PS - Drought-related Impacts

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SEGII 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>
Dissolved Solids	NS	Total Dissolved Solids	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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	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 headwaters in Crosby County.*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	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
<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

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SEGII 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

SEGII 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	Sulfate	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

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

SEGII 1241 Double Mountain Fork Brazos River

From the confluence with the Salt Fork Brazos River in Stonewall County to the confluence of the North Fork Double Mountain Fork Brazos River in Kent County

AUID: 1241_01 *25 miles near Hwy 83*

<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

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SEGII 1241A North Fork Double Mountain Fork Brazos River

Perennial stream from the confluence with Double Mountain Fork Brazos River to the dam forming Lake Ransom Canyon

AUID: 1241A_01 From confluence with Double Mountain Fork of Brazos River to Lake Ransom Canyon

<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 - Point 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); PS - Municipal Point Source Discharges

AUID: 1241A_02 Upstream portion, from confluence with Lake Buffalo Springs upstream to confluence with Yellow House 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 - Point Source Unknown

SEGII 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.		
Assessment Method	LOS	Parameter	Sources	
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.		
Assessment Method	LOS	Parameter	Sources	
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.		
Assessment Method	LOS	Parameter	Sources	
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		
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling	
Assessment Method	LOS	Parameter	Sources	
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		
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges	

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SEGII 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>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Point 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 - Industrial Point Source Discharge; PS - Point 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 - Industrial Point Source Discharge; PS - Point Source Unknown

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 - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown

SEGII 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>
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	PS - Municipal Point Source Discharges

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SEGII 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>
Fish community (Regional)	CN	Fish Community	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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Point 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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Point 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; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges; PS - Point Source Unknown

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SEGII 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_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*

<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	Ammonia	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point 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; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Point Source Unknown
<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
<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

SEGII 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

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SEGII 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

SEGII 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 - 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; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	UNK - Source Unknown

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SEGII 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 - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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 - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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SEGII 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>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	PS - Industrial Point Source Discharge
<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

SEGII 1242C 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 - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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SEGII 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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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.*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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.*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

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.*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Non-Point Source; NPS - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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SEGII 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	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

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

AUID: 1244_04 *From the confluence of Lake Creek upstream to the confluence of South Brushy Creek*

<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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SEGII 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	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>
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

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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling
<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 - Flow Alterations from Water Diversions; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area); 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 - 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>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Agriculture; NPS - Channelization; NPS - Flow Alterations from Water Diversions; NPS - Impacts from Hydrostructure Flow Regulation/modification; NPS - Municipal (Urbanized High Density Area); NPS - Non-Point Source; PS - Municipal Point Source Discharges

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

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SEGII 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

SEGII 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)

SEGII 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)

SEGII 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)

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SEGII 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)

SEGII 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>
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 - Non-Point 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)

SEGII 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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SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Natural Sources

AUID: 1246_02 *Entire South Bosque River*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Natural Sources

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Natural Sources

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Agriculture; NPS - Natural Sources; NPS - Non-Point Source

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source

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SEGII 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

SEGII 1248 San Gabriel/North Fork San Gabriel River

From point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County

AUID: 1248_01 *From point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Municipal Point Source Discharges

SEGII 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

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SEGII 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>
Habitat	CS	Habitat	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

<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

SEGII 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/destablization

SEGII 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

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SEGII 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

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

SEGII 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

SEGII 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

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SEGII 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>
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

<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

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SEGII 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> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> NPS - Agriculture; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<u>Assessment Method</u> Nutrient Enrichment	<u>LOS</u> NS	<u>Parameter</u> Algae	<u>Sources</u> NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

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SEGII 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_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> Dissolved Oxygen 24hr minimum	<u>LOS</u> NS	<u>Parameter</u> Dissolved Oxygen 24hr Min	<u>Sources</u> NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Drought-related Impacts
<u>Assessment Method</u> Nutrient Enrichment	<u>LOS</u> NS	<u>Parameter</u> Algae	<u>Sources</u> NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<u>Assessment Method</u> Dissolved Oxygen 24hr average	<u>LOS</u> CN	<u>Parameter</u> Dissolved Oxygen 24hr Avg	<u>Sources</u> NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Drought-related Impacts
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Municipal Point Source Discharges

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SEGII 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	Ammonia	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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SEGII 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	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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 - Natural Sources; NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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SEGII 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>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
<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; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 1255F Unnamed Tributary of Scarborough Creek

From the confluence with Scarborough Creek, 1.0 mi west of SH 108 in Erath County, upstream to the headwaters, 0.3 mi north of FM 219

AUID: 1255F_01 *From the confluence with Scarborough Creek, 1.0 mi west of SH 108 in Erath County, upstream to the headwaters, 0.3 mi north of FM 219*

<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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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

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SEGII 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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs); PS - Drought-related Impacts

SEGII 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>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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

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SEGII 1259 Leon River Above Belton Lake

From a point 100 meters (110 yards) upstream of FM 236 in Coryell County to 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 - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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	Chlorophyll-a	NPS - Agriculture; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

AUID: 1259_03 *From the confluence with Stillhouse Creek upstream to the confluence with Plum Creek*

<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 - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Internal Nutrient Recycling; NPS - Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

SEGII 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

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SEGII 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>
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

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

SEGII 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>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

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SEGII 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>
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	Ammonia	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

SEGII 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

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SEGII 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

SEGII 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

<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	Total Phosphorus	UNK - Source Unknown

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SEGII 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>
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>
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGII 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>
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 average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-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
<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

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SEGII 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 miles 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

SEGII 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	Nitrate	NPS - Agriculture

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SEGII	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				
Assessment Method		LOS	Parameter	Sources
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				
Assessment Method		LOS	Parameter	Sources
Nutrient Screening Levels		CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source
Assessment Method		LOS	Parameter	Sources
Bacteria Geomean		NS	E. coli	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
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				
Assessment Method		LOS	Parameter	Sources
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				
Assessment Method		LOS	Parameter	Sources
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				
Assessment Method		LOS	Parameter	Sources
Nutrient Screening Levels		CS	Nitrate	NPS - Agriculture

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SEGII 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>
Fish community (Regional)	CN	Fish Community	NPS - Non-Point Source; PS - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

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

SEGII 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 - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

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SEGII 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>
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

<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

SEGII 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

SEGII 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 - Point Source Unknown; 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 minimum	NS	Dissolved Oxygen 24hr Min	NPS - Non-Point Source; PS - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

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SEGII 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*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

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

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

NPS - Urban Runoff/Storm Sewers

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers; UNK - Source Unknown

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SEGII 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*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Urban
Runoff/Storm Sewers; UNK - Source Unknown

SEGII 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*

Assessment Method

Dissolved Oxygen grab
screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Natural Sources

SEGII 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

SEGII 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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SEGII 1407A Clear Creek

From the confluence with Inks Lake in Burnet County west of Burnet upstream to a point 2 miles (3.2 km) west of FM 2341 near Potato Hill northwest of Burnet

AUID: 1407A_01 *From the confluence with Inks Lake upstream to FM 2341*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Acute Toxic Substances in water	NS	Aluminum	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	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	Zinc	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>
Dissolved Solids	NS	Sulfate	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>
Low pH	NS	pH	NPS - Impacts from Abandoned Mine Lands (Inactive)

SEGII 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 - Point Source
Unknown

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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SEGII 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>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Natural Sources

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 - Point Source Unknown; 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>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Point Source Unknown; 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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Bacteria Geomean	CN	E. coli	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
<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

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	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	Chloride	NPS - Natural Sources
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Sulfate	NPS - Rangeland Grazing; NPS - Shallow Lake/Reservoir; PS - Drought-related Impacts
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Petroleum/natural Gas Activities; NPS - Shallow Lake/Reservoir; PS - Drought-related Impacts

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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 miles) 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 - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

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

SEGII 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

SEGII 1420 Pecan Bayou Above Lake Brownwood

From a point 100 meter (110 yards) upstream of FM 2559 in Brown County to the confluence of the North Prong Pecan Bayou and the South Prong of Pecan Bayou in Callahan County

AUID: 1420_01 *Lower 25 miles*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source; PS - Point Source
Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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			
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 1421_02 From Chandler Lake confluence upstream to confluence of Puddle Ck.			
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 1421_03 From the confluence of Puddle Creek upstream to the confluence of Willow Creek			
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road			
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
Assessment Method	LOS	Parameter	Sources
Nutrient Screening Levels	CS	Nitrate	NPS - Agriculture; NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown
AUID: 1421_05 From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.			
Assessment Method	LOS	Parameter	Sources
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_06 *From the confluence of Red Creek upstream to the dam near Vines Rd.*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Natural Sources; NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown

AUID: 1421_07 *From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

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

AUID: 1421_08 *North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

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

Assessment Method

Dissolved Oxygen 24hr average

LOS

NS

Parameter

Dissolved Oxygen 24hr Avg

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

Assessment Method

Dissolved Oxygen 24hr minimum

LOS

NS

Parameter

Dissolved Oxygen 24hr Min

Sources

NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 miles of creek*

<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

<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

SEGII 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 miles) 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

SEGII 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 Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Shallow Lake/Reservoir; PS - Drought-related Impacts

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Natural Sources; NPS - Yard Maintenance

<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

AUID: 1425A_03 SH 163 to US 87

<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 - Point Source Unknown; UNK - Source Unknown

2016 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
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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	Chloride	NPS - Natural Sources
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

AUID: 1426_02 *Country Club Lake to Coke County line*

<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 - Point Source Unknown; UNK - Source Unknown
Dissolved Solids	NS	Chloride	NPS - Natural Sources
Dissolved Solids	NS	Total Dissolved Solids	NPS - Natural Sources
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_03 Coke County line to SH 208

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point Source Unknown; UNK - Source Unknown

AUID: 1426_04 SH 208 to dam

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

SEGII 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

<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

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

<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

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

SEGII 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.*

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

SEGII 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>
Dissolved Oxygen 24hr average	CN	Dissolved Oxygen 24hr Avg	NPS - Natural Sources
Dissolved Oxygen 24hr minimum	CN	Dissolved Oxygen 24hr Min	NPS - Natural Sources
Macrobenthic community (Qualitative)	NS	Macrobenthic Community	NPS - Natural Sources; UNK - Source Unknown

SEGII 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 - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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
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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	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown
Fish community (Regional)	CN	Fish Community	UNK - Source Unknown
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	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
Nutrient Screening Levels	CS	Total Phosphorus	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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.

<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; PS - Point Source Unknown; UNK - Source Unknown

AUID: 1428B_03 From old Manor Road upstream to Dessau Road

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

AUID: 1428B_04 From Dessau Rd. upstream to MoPac/Loop 1

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

AUID: 1428B_05 From MoPac/Loop 1 upstream to Union Pacific Railroad tracks south of McNeil 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; PS - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Nutrient Screening Levels	CS	Nitrate	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 - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 1428C_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 - Point Source Unknown; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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 - Point Source Unknown; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	NPS - Agriculture; NPS - Highways, Roads, Bridges, Infrastructure (New Construction); NPS - Land Application of Wastewater Biosolids (Non-agricultural); NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2016 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 - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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.

<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 - Point Source Unknown; 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; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Toxic Substances in sediment	CS	Fluoranthene	NPS - Impervious Surface/Parking Lot Runoff; NPS - Non-Point Source; PS - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; 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; PS - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_03 *Upper portion of creek*

<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 - Point Source Unknown; UNK - Source Unknown

SEGII 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	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	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	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	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	Dibenz(a,h)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	Pyrene	NPS - Unspecified Urban Stormwater; NPS - Urban Runoff/Storm Sewers

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 miles upstream of Loop 1*

<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	NPS - Non-Point Source; PS - Point Source Unknown; UNK - Source Unknown

SEGII 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

SEGII 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

2016 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>
Dissolved Oxygen grab screening level	CS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Point Source Unknown; 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 - Point Source Unknown; 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 - Point Source Unknown; 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 Utley 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 - Point Source Unknown; 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 - Point 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 - Point Source Unknown; 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	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; PS - Point 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 - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 24hr minimum	CN	Dissolved Oxygen 24hr Min	UNK - Source Unknown

SEGII 1434D Willbarger Creek

Willbarger 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 - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

SEGII 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 - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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
<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>
Nutrient Screening Levels	CS	Ammonia	NPS - Non-Point Source; UNK - Source Unknown

SEGII 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 mile) upstream of the confluence of Wilson 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; NPS - Irrigated Crop Production
<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 - Irrigated Crop Production
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	Enterococcus	NPS - Agriculture; NPS - Irrigated Crop Production
<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 - Irrigated Crop Production

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGIE 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 - Point Source Unknown; UNK - Source Unknown

AUID: 1502_03 *Lower portion of segment from a point 1.6 km (1.0 mile) 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

SEGIE 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

SEGIE 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_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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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

SEGII 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	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 - Non-Point Source; PS - Industrial Point Source Discharge; PS - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

UNK - Source Unknown

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

Enterococcus

Sources

UNK - Source Unknown

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

PS - Point Source Unknown; UNK - Source Unknown

SEGII 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 miles of segment*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Nitrate

Sources

UNK - Source Unknown

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

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 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>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Point 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 - Point 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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> Habitat	<u>LOS</u> CS	<u>Parameter</u> Habitat	<u>Sources</u> UNK - Source Unknown
<u>Assessment Method</u> Macrobenthic community (Qualitative)	<u>LOS</u> NS	<u>Parameter</u> Macrobenthic Community	<u>Sources</u> UNK - Source Unknown
<u>Assessment Method</u> Fish community (Regional)	<u>LOS</u> NS	<u>Parameter</u> Fish Community	<u>Sources</u> UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen 24hr average	<u>LOS</u> NS	<u>Parameter</u> Dissolved Oxygen 24hr Avg	<u>Sources</u> UNK - Source Unknown
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> 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> UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen grab minimum	<u>LOS</u> CN	<u>Parameter</u> Dissolved Oxygen Grab	<u>Sources</u> UNK - Source Unknown
<u>Assessment Method</u> Dissolved Oxygen 24hr minimum	<u>LOS</u> NS	<u>Parameter</u> Dissolved Oxygen 24hr Min	<u>Sources</u> UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 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	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	NS	Dissolved Oxygen Grab	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 miles 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 Co. to confluence with Elm Cr. In Fayette Co.

<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

<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 screening level	NS	Dissolved Oxygen Grab	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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

SEGII 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 mile north of HWY 90, and 0.25 miles south of Ilka Switch Road in Seguin.*

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

SEGII 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.*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

<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

SEGII 1806E Town 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: 1806E_01 *From the confluence with segment 1806 of the Guadalupe River in Kerrville, Kerr County Texas up to the upper end of the segment (NHD RC 12100201000572)*

<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>
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

SEGII 1808 Lower San Marcos River

From the confluence with the Guadalupe River in Gonzales County to a point 1.0 km (0.6 mi) upstream of the Blanco River in Hays County

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

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 1810

Plum Creek

From the confluence with the San Marcos River in Caldwell County to FM 2770 in Hays County

AUID: 1810_01 *Confluence with San Marcos River to approx. 2.5 mi. upstream of the confluence with Clear Fork Plum Creek*

<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>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown

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

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

AUID: 1810_03 *From approx. 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 - Point Source Unknown; 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 - Point Source Unknown; UNK - Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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

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

SEGII 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

AUID: 1811_02 *From the confluence with Dry Comal Creek up to Klingemann Street in New Braunfels, Comal County, Texas.*

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

SEGII 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 miles of water body*

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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 miles of segment*

Assessment Method

Dissolved Oxygen grab
minimum

LOS

CN

Parameter

Dissolved Oxygen Grab

Sources

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 miles of segment*

Assessment Method

Dissolved Oxygen grab
screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 1901

Lower San Antonio River

From the confluence with the Guadalupe River in Refugio/Victoria County to a point 600 meters (660 yards) downstream of FM 791 at Mays crossing near Falls City in Karnes County

AUID: 1901_01 25 miles downstream of the confluence with Manahuilla Creek

<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 - Point Source Unknown; UNK - Source Unknown

AUID: 1901_02 25 miles upstream of Manahuilla Creek

<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>
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	PS - Point Source Unknown; 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>
Bacteria Geomean	NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_03 *From 25 miles 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	Total Phosphorus	PS - Point Source Unknown; UNK - Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Point Source Unknown; 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: 1901_04 *9 miles downstream of Escondido Creek*

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

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII	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
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AUID: 1901_06 *Lower 31 miles of segment*

<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 - Point Source Unknown; UNK - Source Unknown
Nutrient Screening Levels	CS	Chlorophyll-a	UNK - Source Unknown

SEGII	1901A	Escondido Creek	From the confluence with segment 1901 up to the upper end of the water body (NHD RC 12100303002847).
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AUID: 1901A_01 *From the confluence with segment 1901 up to the confluence with Nichols Creek in Kennedy.*

<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	UNK - Source Unknown
Bacteria Geomean	NS	E. coli	UNK - Source Unknown

SEGII	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)
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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

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SEGII 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

SEGII 1901F Ecleto 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 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>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII	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				
Assessment Method	LOS	Parameter	Sources	
Bacteria Geomean	NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown	
AUID: 1902_02 From the confluence with Mulifest Creek upstream to the confluence with Pulaski Creek				
Assessment Method	LOS	Parameter	Sources	
Bacteria Geomean	NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown	
AUID: 1902_03 From the confluence with Pulaski Creek upstream to the confluence with Clifton Branch				
Assessment Method	LOS	Parameter	Sources	
Bacteria Geomean	NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown	
Assessment Method	LOS	Parameter	Sources	
Fish community (Regional)	CN	Fish Community	NPS - Non-Point Source; PS - Point Source Unknown	
AUID: 1902_04 From the confluence with Clifton Branch upstream to the confluence with Elm Creek				
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Nitrate	PS - Point Source Unknown; 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				
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Nitrate	PS - Point Source Unknown; UNK - Source Unknown	
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Total Phosphorus	PS - Point Source Unknown; UNK - Source Unknown	

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 Salatrillo 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

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>
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	CN	E. coli	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 1902B Salatrillo Creek

From the confluence with Martinez Creek to approximately 1.3 mi 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	Ammonia	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

SEGII 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 miles upstream of Wilson CR 424 north of Stockdale*

<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	Total Phosphorus	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII	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				
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown	
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Total Phosphorus	PS - Point Source Unknown; 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				
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Ammonia	UNK - Source Unknown	
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown	
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Total Phosphorus	PS - Point Source Unknown; UNK - Source Unknown	
Assessment Method	LOS	Parameter	Sources	
Bacteria Geomean	NS	E. coli	UNK - Source Unknown	
AUID: 1903_03 From the confluence with Lower Leon Creek upstream to the confluence with Medio Creek				
Assessment Method	LOS	Parameter	Sources	
Bacteria Geomean	CN	E. coli	UNK - Source Unknown	
Assessment Method	LOS	Parameter	Sources	
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				
Assessment Method	LOS	Parameter	Sources	
Nutrient Screening Levels	CS	Nitrate	UNK - Source Unknown	

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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*

Assessment Method

Fish community (Regional)

LOS

NS

Parameter

Fish Community

Sources

UNK - Source Unknown

Assessment Method

Habitat

LOS

CS

Parameter

Habitat

Sources

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*

Assessment Method

Fish community (Regional)

LOS

CN

Parameter

Fish Community

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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	CN	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
<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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Point Source Unknown

AUID: 1906_04 *From Hwy 353 (New Laredo Hwy) upstream approximately 2 miles to a point southeast of Pearsall Park*

<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 - Point Source Unknown

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>
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 - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	NPS - Non-Point Source; PS - Point 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

SEGII 1907 Upper Leon Creek

From a point 100 meters (110 yards) upstream of SH 16 northwest of San Antonio in Bexar County to a point 9.0 km (5.6 mi) upstream of Scenic Loop Road north of Helotes in Bexar County

AUID: 1907_01 *From a point 100 meters (110 yards) upstream of SH 16 northwest of San Antonio in Bexar County to a point 9.0 km (5.6 mi) upstream of Scenic Loop Road north of Helotes in Bexar 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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SEGII	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
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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	Total Phosphorus	UNK - Source Unknown
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Dissolved Solids	NS	Chloride	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	UNK - Source Unknown

AUID: 1908_02 *From approx. 2 mi. upstream of Hwy 87 in Boerne upstream to a point 1.5 km (0.9 mi) upstream of the confluence of Champee Springs in Kendall County*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Municipal Point Source Discharges
 <u>Assessment Method</u>	 <u>LOS</u>	 <u>Parameter</u>	 <u>Sources</u>
Bacteria Geomean	NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown

AUID: 1908_03 *From the Missouri-Pacific Railroad bridge west of Bracken in Comal County upstream to the confluence of Balcones Creek*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	PS - Municipal Point Source Discharges

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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>
Macrobenthic community (Qualitative)	CN	Macrobenthic Community	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>
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	PS - Point Source Unknown; 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>
Fish community (Regional)	CN	Fish Community	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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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.*

Assessment Method

Bacteria Geomean

LOS

CN

Parameter

E. coli

Sources

UNK - Source Unknown

SEGII 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.*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Urban Runoff/Storm Sewers

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

UNK - Source Unknown

SEGII 1910E Beitel Creek

From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000662.

AUID: 1910E_01 *From the confluence with segment 1910 to the upper end of the water body, NHD RC 12100301000662.*

Assessment Method

Dissolved Oxygen grab screening level

LOS

CS

Parameter

Dissolved Oxygen Grab

Sources

NPS - Urban Runoff/Storm Sewers

SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	Nitrate	PS - Point Source Unknown; UNK - Source Unknown

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

AUID: 1911_02 *From the confluence with Olmos Creek up to just upstream of the confluence with Picos Creek .*

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

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

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

AUID: 1911_04 *From just upstream of the confluence with Lodi Branch in Floresville, Wilson County, Texas up to just upstream of the confluence with Calaveras Creek.*

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

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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>
Nutrient Screening Levels	CS	Nitrate	PS - Point Source Unknown; 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>
Bacteria Geomean	NS	E. coli	PS - Point Source Unknown; UNK - Source Unknown

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 - Point Source Unknown; 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 - Point Source Unknown; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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	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

SEGII 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

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SEGII 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>
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: 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>
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

SEGII 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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SEGII 1911H Picoso 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 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
<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

SEGII 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

SEGII 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

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SEGII 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> Bacteria Geomean	<u>LOS</u> CN	<u>Parameter</u> E. coli	<u>Sources</u> UNK - Source Unknown
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SEGII 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> Dissolved Oxygen grab screening level	<u>LOS</u> CS	<u>Parameter</u> Dissolved Oxygen Grab	<u>Sources</u> UNK - Source Unknown
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SEGII 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> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> UNK - Source Unknown
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<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> UNK - Source Unknown
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SEGII 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> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> UNK - Source Unknown
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<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> UNK - Source Unknown
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SEGII 1913 Mid Cibolo Creek

From a point 100 meters (110 yards) downstream of IH 10 in Bexar/Guadalupe County to the Missouri-Pacific Railroad bridge west of Bracken in Comal County

AUID: 1913_01 *From 100 M downstream of I10 up to unnamed tributary approximately 0.3 miles upstream of Weir Road, Bexar County, Texas.*

<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: 1913_02 *From the confluence with unnamed tributary approximately 0.3 miles upstream of Weir Road, Bexar county, Texas up to 100 meters upstream of the Cibolo Creek Municipal WWTP.*

<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>
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

SEGII 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

SEGII 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

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SEGII 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>
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

SEGII 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

SEGII 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_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

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SEGII 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*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

NPS - Non-Point Source; UNK - Source Unknown

SEGII 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 to the confluence with Javelin Creek*

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Total Dissolved Solids

Sources

UNK - Source Unknown

AUID: 2102_02 *From the confluence with Javelin Creek to the upstream end of segment at Lake Corpus Christi*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Chlorophyll-a

Sources

UNK - Source Unknown

Assessment Method

Dissolved Solids

LOS

NS

Parameter

Total Dissolved Solids

Sources

UNK - Source Unknown

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SEGII	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	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		
Assessment Method	LOS	Parameter	Sources	
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-related Impacts; UNK - Source Unknown	
AUID:	2103_02	Area approx. 4 mi. SE of FM 3162 and FM 534 intersection near western shore		
Assessment Method	LOS	Parameter	Sources	
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-related Impacts; UNK - Source Unknown	
AUID:	2103_03	Western arm of lake near Lagarto Creek inlet		
Assessment Method	LOS	Parameter	Sources	
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-related Impacts; UNK - Source Unknown	
AUID:	2103_04	Upper portion of lake on opposite shore from Hideaway Hill		
Assessment Method	LOS	Parameter	Sources	
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-related Impacts; UNK - Source Unknown	
AUID:	2103_05	Upper arm of reservoir in more riverine section surrounding FM 534		
Assessment Method	LOS	Parameter	Sources	
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-related Impacts; UNK - Source Unknown	
AUID:	2103_06	Uppermost riverine part of reservoir upstream of FM 534 to upper end of segment to just upstream of US Highway 59.		
Assessment Method	LOS	Parameter	Sources	
Dissolved Solids	NS	Total Dissolved Solids	PS - Drought-related Impacts; UNK - Source Unknown	

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SEGII 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	Chlorophyll-a	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	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>
Nutrient Screening Levels	CS	Total Phosphorus	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>
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>
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>
Macrobenthic community (Qualitative)	CN	Macrobenthic 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

AUID: 2105_02 *From the confluence with Sauz Mocho Creek to the confluence of Line Oak Slough*

<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; 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

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>
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

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>
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

<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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SEGII 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>
Dissolved Oxygen 24hr average	NS	Dissolved Oxygen 24hr Avg	NPS - Non-Point Source; PS - Point Source Unknown; 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>
Dissolved Oxygen grab minimum	NS	Dissolved Oxygen Grab	NPS - Non-Point Source; PS - Point Source Unknown; 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>
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>
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>
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>
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown

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SEGII 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>
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
<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

SEGII 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

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SEGII 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>
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>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

AUID: 2109_02 *From the confluence of Yoledigo Creek to the confluence of Camp Lake Slough*

<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>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; PS - Municipal Point Source Discharges; UNK - Source Unknown

SEGII 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

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SEGII 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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Surface Water HH criteria for PWS average	CN	Nitrate	PS - Municipal Point Source Discharges

SEGII 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

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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.*

<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 Solids	NS	Chloride	UNK - Source Unknown

AUID: 2114_02 *From the confluence with and unnamed tributary with NHD RC 12110107000245 at point N-99.12, W29.38 just upstream of FM 2676 to the upstream end of the segment.*

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

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SEGII 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>
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>
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

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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 Solids	NS	Chloride	PS - Drought-related Impacts
<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>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; UNK - Source Unknown

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

2016 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	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Nutrient Screening Levels	CS	Nitrate	NPS - Irrigated Crop Production; 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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

AUID: 2201_02 *From the confluence with San Vicente Drainage Ditch to the confluence with an unnamed drainage ditch with NHD RC 12110108005353 at point N-97.53, W 26.31*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Irrigated Crop Production; 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 - Irrigated Crop Production; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Irrigated Crop Production; 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 - Irrigated Crop Production; 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

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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Irrigated Crop Production; 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 - Irrigated Crop Production; 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
<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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 grab minimum	NS	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	PS - Industrial Point Source Discharge; 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 - Irrigated Crop Production; 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	CN	Dissolved Oxygen 24hr Avg	NPS - Irrigated Crop Production; 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	NPS - Irrigated Crop Production; 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 - Irrigated Crop Production; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 2201B Unnamed Drainage Ditch Tributary (B) in Cameron County Drainage District #3

From the confluence with the Arroyo Colorado in Cameron County in the Rio Hondo turning basin at -97.6, 26.196 decimal degrees to a point 17.6 km upstream at the FM 510 crossing.

AUID: 2201B_01 *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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> 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 - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> NS	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges
<u>Assessment Method</u> DSHS Advisories, Closures, and Risk Assessments	<u>LOS</u> NS	<u>Parameter</u> Restricted-Consumption	<u>Sources</u> PS - Industrial Point Source Discharge; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	Chlorophyll-a	NPS - Irrigated Crop Production; 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 - Irrigated Crop Production; 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 - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 - Irrigated Crop Production; 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 - Irrigated Crop Production; 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 - Irrigated Crop Production; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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	Total Phosphorus	NPS - Irrigated Crop Production; 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 - Irrigated Crop Production; 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 - Irrigated Crop Production; 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

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 - Irrigated Crop Production
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Irrigated Crop Production

SEGII 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>
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	Ammonia	NPS - Irrigated Crop Production; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGII 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>
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>
High pH	CN	pH	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Dissolved Solids	NS	Chloride	NPS - Petroleum/natural Gas Production Activities (Permitted)
Dissolved Solids	NS	Sulfate	NPS - Petroleum/natural Gas Production Activities (Permitted)
Dissolved Solids	NS	Total Dissolved Solids	NPS - Petroleum/natural Gas Production Activities (Permitted)
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; UNK - Source Unknown
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown

AUID: 2204_02 *From the confluence with 2204A, unnamed drainage ditch tributary of Petronila Creek at N-97.7, W27.65 to the upstream end of segment at the confluence with Agua Dulce and Banquete Creeks approximately 31.6 km (19.6 mi) upstream*

<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
Dissolved Solids	NS	Chloride	NPS - Petroleum/natural Gas Production Activities (Permitted)
Dissolved Solids	NS	Sulfate	NPS - Petroleum/natural Gas Production Activities (Permitted)
Dissolved Solids	NS	Total Dissolved Solids	NPS - Petroleum/natural Gas Production Activities (Permitted)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 mouth of the Rio Grande (lower segment boundary) 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>
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 the upper segment boundary 10.8 km (6.7 mi) downstream of the International Bridge*

<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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 the El Jardin Pump Station upstream to 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 Rancho Viejo Floodway upstream to the Progreso Int'l Bridge (FM 1015)*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

AUID: 2302_03 *From the Progreso Int'l Bridge (FM 1015) upstream to the McAllen Int'l Bridge (US Hwy 281)*

<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 - Point Source Unknown; UNK - Source Unknown

AUID: 2302_04 *From the McAllen Int'l Bridge (US Hwy 281) upstream to Anzalduas Dam*

<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 - Point Source Unknown; UNK - Source Unknown

AUID: 2302_05 *From Anzalduas Dam upstream to the 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 - Point Source Unknown; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_06 *From the Los Ebanos Ferry Crossing upstream to the Arroyo Los Olmos confluence*

<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 - Point Source Unknown; UNK - Source Unknown

AUID: 2302_07 *From the Arroyo Los Olmos confluence upstream to the Falcon 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

SEGII 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>
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	Chlorophyll-a	NPS - Non-Point Source; UNK - Source Unknown

SEGII 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_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*

<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)	UNK - Source Unknown

2016 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			
Assessment Method	LOS	Parameter	Sources
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown
AUID: 2304_02 From the San Idelfonso Creek confluence upstream to International Bridge #2			
Assessment Method	LOS	Parameter	Sources
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown
AUID: 2304_03 From the International Bridge #2 upstream to the City of Laredo water treatment plant intake			
Assessment Method	LOS	Parameter	Sources
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown
Assessment Method	LOS	Parameter	Sources
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			
Assessment Method	LOS	Parameter	Sources
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_07 From El Indio upstream to downstream of US Hwy 277 (Eagle Pass)			
Assessment Method	LOS	Parameter	Sources
Bacteria Geomean	NS	E. coli	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_08 *From downstream of US Hwy 277 (Eagle Pass) upstream to the Las Moras Creek confluence*

Assessment Method

Nutrient Screening Levels

LOS

CS

Parameter

Ammonia

Sources

NPS - Non-Point Source; NPS - Rural (Residential Areas); NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

AUID: 2304_09 *From the Las Moras Creek confluence upstream to the San Felipe Creek confluence*

Assessment Method

Bacteria Geomean

LOS

NS

Parameter

E. coli

Sources

NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges; PS - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> CN	<u>Parameter</u> E. coli	<u>Sources</u> NPS - Urban Runoff/Storm Sewers
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Nitrate	<u>Sources</u> NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; 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; PS - Point Source Unknown; UNK - Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Ammonia	<u>Sources</u> NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown; UNK - Source Unknown
<u>Assessment Method</u> Toxic Substances in sediment	<u>LOS</u> CS	<u>Parameter</u> Antimony	<u>Sources</u> NPS - Mine Tailings

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_04 *From Boquillas Canyon upstream to Mariscal Canyon*

<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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	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>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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>
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
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	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_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 - Irrigated Crop Production; 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	Total Dissolved Solids	NPS - Irrigated Crop Production; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_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	Total Dissolved Solids	NPS - Irrigated Crop Production; 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>
Dissolved Solids	NS	Sulfate	NPS - Irrigated Crop Production; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders

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 - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers; PS - Point Source Unknown
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Chloride	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Dissolved Solids	NS	Total Dissolved Solids	NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Total Dissolved Solids	<u>Sources</u> NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
<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 - Point Source Unknown
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Chloride	<u>Sources</u> NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
<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 - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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> Ammonia	<u>Sources</u> NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
<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 - Point Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Chloride	<u>Sources</u> NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Total Dissolved Solids	<u>Sources</u> NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
<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 - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
<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 - Point Source Unknown
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Total Dissolved Solids	<u>Sources</u> NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
<u>Assessment Method</u> Dissolved Solids	<u>LOS</u> NS	<u>Parameter</u> Chloride	<u>Sources</u> NPS - Flow Alterations from Water Diversions; NPS - Irrigated Crop Production; NPS - Sources Outside State Jurisdiction or Borders
<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 - Point Source Unknown
<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 - Point 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 - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Total Phosphorus	<u>Sources</u> NPS - Irrigated Crop Production; NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; PS - Point Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
Bacteria Geomean	NS	E. coli	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 - Sources Outside State Jurisdiction or Borders; NPS - Urban Runoff/Storm Sewers

SEGII 2310

Lower Pecos River

From a point 0.7 km (0.4 mi) downstream of the confluence of Painted Canyon in Val Verde County to a point immediately upstream of the confluence of Independence Creek in Crockett/Terrell County

AUID: 2310_01 *From the Devils River Arm of Amistad Reservoir confluence upstream to FM 2083 near Pan Dale*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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_01 From just upstream of the Independence Creek confluence upstream to US Hwy 290			
<u>Assessment Method</u> Fish Kill Reports	<u>LOS</u> CN	<u>Parameter</u> Fish Kill Reports	<u>Sources</u> UNK - Source Unknown
AUID: 2311_02 From US Hwy 290 upstream to US Hwy 67			
<u>Assessment Method</u> Fish Kill Reports	<u>LOS</u> CN	<u>Parameter</u> Fish Kill Reports	<u>Sources</u> UNK - Source Unknown
AUID: 2311_03 From US Hwy 67 upstream to the Ward Two Irrigation Turnout			
<u>Assessment Method</u> Fish Kill Reports	<u>LOS</u> CN	<u>Parameter</u> Fish Kill Reports	<u>Sources</u> UNK - Source Unknown
<u>Assessment Method</u> Bacteria Geomean	<u>LOS</u> CN	<u>Parameter</u> Enterococcus	<u>Sources</u> NPS - Non-Point Source
<u>Assessment Method</u> Dissolved Oxygen 24hr minimum	<u>LOS</u> NS	<u>Parameter</u> Dissolved Oxygen 24hr Min	<u>Sources</u> UNK - Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown
AUID: 2311_04 From the Ward Two Irrigation Turnout upstream to US Hwy 80 (Bus 20)			
<u>Assessment Method</u> Fish Kill Reports	<u>LOS</u> CN	<u>Parameter</u> Fish Kill Reports	<u>Sources</u> UNK - Source Unknown
<u>Assessment Method</u> Nutrient Screening Levels	<u>LOS</u> CS	<u>Parameter</u> Chlorophyll-a	<u>Sources</u> NPS - Agriculture; NPS - Non-Point Source; UNK - Source Unknown
AUID: 2311_05 From US Hwy 80 (Bus 20) upstream to the Barstow Dam			
<u>Assessment Method</u> Fish Kill Reports	<u>LOS</u> CN	<u>Parameter</u> Fish Kill Reports	<u>Sources</u> UNK - Source Unknown

2016 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
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AUID: 2311_06 *From the Barstow Dam upstream to State Hwy 302*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Fish Kill Reports	CN	Fish Kill Reports	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>
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	NPS - Agriculture; NPS - Non-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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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 Solids	NS	Chloride	NPS - Natural Sources
<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 Oxygen grab screening level	CS	Dissolved Oxygen Grab	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: 2312_02 *From mid-lake to the Texas/New Mexico state line*

<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	Chloride	NPS - Natural Sources
<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>
Fish Kill Reports	CN	Fish Kill Reports	UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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
<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>
Nutrient Screening Levels	CS	Nitrate	NPS - Non-Point Source; NPS - Sources Outside State Jurisdiction or Borders; 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 - 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

SEGII 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>
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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGID **2412** **Sabine Lake**
Sabine Lake

AUID: **2412_01** **Sabine Lake**

<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; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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SEGII 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>
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	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 - 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 - 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

SEGII 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>
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 and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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	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>
Bacteria Geomean	CN	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

SEGII 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>
Bacteria Geomean	CN	Enterococcus	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 - Non-Point Source; NPS - Rural (Residential Areas); NPS - Upstream Source; UNK - Source Unknown

SEGII 2421C Upper Galveston Bay (Oyster Waters)

Upper Galveston Bay (Oyster Waters)

AUID: 2421OW_01 *Entire western portion of the bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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: 2422_02 *Lower 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; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 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>
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)
<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)

SEGII 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>
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 - Rural (Residential Areas)

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 2422C Trinity Bay (Oyster Waters)
Trinity Bay (Oyster Waters)

AUID: 2422OW_01 *Upper portion of the bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 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>
Bacteria Geomean	NS	Enterococcus	NPS - Crop Production (Crop Land or Dry Land); NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGII 2423C East Bay (Oyster Waters)

East Bay (Oyster Waters)

AUID: 2423OW_01 *East end of bay adjacent to the ICWW and East Bay Bayou*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 2424A Highland Bayou

From Jones Bay confluence to Avenue Q 0.8 km (0.5 mi) north of SH 6 between Arcadia and Alta Loma in Galveston County

AUID: 2424A_01 *From the Jones Bay confluence upstream to Bayou Lane*

<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>
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	CN	Dissolved Oxygen 24hr Min	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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 2424A Highland Bayou

From Jones Bay confluence to Avenue Q 0.8 km (0.5 mi) north of SH 6 between Arcadia and Alta Loma in Galveston County

AUID: 2424A_03 *From Lake Road upstream to FM 519*

<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
<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; 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; UNK - Source Unknown

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 2424A Highland Bayou

From Jones Bay confluence to Avenue Q 0.8 km (0.5 mi) north of SH 6 between Arcadia and Alta Loma in Galveston County

AUID: 2424A_04 From FM 519 upstream to FM 2004

<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
<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 minimum	CN	Dissolved Oxygen Grab	UNK - Source Unknown

AUID: 2424A_05 From FM 2004 to the headwaters just west of FM 1764

<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 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>
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; 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII 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>
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 - 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	UNK - Source Unknown

SEGII 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>
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 average	CN	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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SEGII 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>
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

SEGII 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

SEGII 2424G Highland Bayou Diversion Canal

From the confluence with an unnamed tributary adjacent to Jones Bay upstream to the Highland Bayou confluence

AUID: 2424G_01 *From the confluence with an unnamed tributary adjacent to Jones Bay upstream to the Highland Bayou 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	NS	Enterococcus	UNK - Source Unknown

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SEGII 2424C West Bay (Oyster Waters)
West Bay (Oyster Waters)

AUID: 2424OW_02Area adjacent to Lower Galveston Bay and Galveston Island

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 2425 Clear Lake
Clear Lake

AUID: 2425_01 Clear Lake

<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

<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>
Chronic Toxic Substances in water	NS	Copper	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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGII 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>
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 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 - 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 and No-Consumption	PS - Industrial Point Source Discharge; 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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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

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SEGII 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>
Bacteria Geomean	NS	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

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>
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown
Bacteria Geomean	CN	Enterococcus	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers
DSHS Advisories, Closures, and Risk Assessments	NS	Restricted and No-Consumption	PS - Industrial Point Source Discharge; UNK - Source Unknown

SEGII 2426 Tabbs Bay
Tabbs Bay

AUID: 2426_01 Tabbs 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
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 - Municipal Point Source Discharges
Nutrient Screening Levels	CS	Nitrate	NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

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SEGII 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

SEGII 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>
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	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

<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

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SEGII 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

SEGII 2429 Scott Bay
Scott Bay

AUID: 2429_01 Scott 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
<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 - Upstream Source; PS - Industrial Point Source Discharge

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SEGII 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	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	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-Consumption	NPS - Upstream Source; PS - Industrial Point Source Discharge

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SEGII 2430A

Crystal Bay

Crystal Bay, a side bay of Burnett Bay, located between Burnett and Scott (Segment 2429) Bays adjacent to the San Jacinto Monument and Houston Ship Channel (Segment 1005)

AUID: 2430A_01 *Crystal Bay, a side bay of Burnett Bay, located between Burnett and Scott (Segment 2429) Bays adjacent to the San Jacinto Monument and Houston Ship Channel (Segment 1005)*

<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

SEGII 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

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SEGII 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>
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
<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

SEGII 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

SEGII 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 miles 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

SEGII 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

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SEGII 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>
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	CN	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

SEGII 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	CN	E. coli	NPS - Non-Point Source; UNK - Source Unknown

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SEGII 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>
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

SEGII 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

SEGII 2432C 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	UNK - Source Unknown

SEGII 2433C Bastrop Bay/Oyster Lake (Oyster Waters)

Bastrop Bay/Oyster Lake (Oyster Waters)

AUID: 2433OW_01 *Bastrop Bay*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

AUID: 2433OW_02 *Oyster Lake*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

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SEGII 2434C Christmas Bay (Oyster Waters)
Christmas Bay (Oyster Waters)

AUID: 2434OW_01Area adjacent to West Bay

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 2435C Drum Bay (Oyster Waters)
Drum Bay (Oyster Waters)

AUID: 2435OW_01Area adjacent to Christmas Bay

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

AUID: 2435OW_02Remainder of Drum Bay

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

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SEGII 2436 Barbours Cut
Barbours Cut

AUID: 2436_01 Barbours Cut

<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	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

SEGII 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	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	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 - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; PS - Municipal Point Source Discharges

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SEGII 2438 Bayport Channel
Bayport Channel

AUID: 2438_01 Bayport Channel

<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>
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	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

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SEGII 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>
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; PS - Municipal Point Source Discharges

AUID: 2439_02 *Eastern 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	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers; PS - Municipal Point Source Discharges

SEGII 2439C Lower Galveston Bay (Oyster Waters)
Lower Galveston Bay (Oyster Waters)

AUID: 2439OW_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>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 2441C East Matagorda Bay (Oyster Waters)
East Matagorda Bay (Oyster Waters)

AUID: 2441OW_01 *Caney Creek arm and western shoreline area*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

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SEGII 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

SEGII 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

SEGII 2452C Tres Palacios Bay/Turtle Bay (Oyster Waters)
Tres Palacios Bay/Turtle Bay (Oyster Waters)

AUID: 2452OW_01 Turtle Bay and Tres Palacios Creek Arm

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 2452T 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 - Pipeline Breaks

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SEGII 2453A Garcitas Creek Tidal

From the Lavaca Bayou confluence to a point 13.7 km (8.5 mi) upstream of FM 616 in Jackson County

AUID: 2453A_01 *From the Lavaca Bay confluence to a point 13.7 km (8.5 mi) upstream of FM 616*

<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

SEGII 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

SEGII 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>
Chronic Toxic Substances in water	NS	Copper	NPS - Contaminated Sediments; NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unpermitted Discharge (Industrial/commercial Wastes); UNK - Source Unknown
DSHS Advisories, Closures, and Risk Assessments	NS	Aquatic Life Closure	PS - Industrial Point Source Discharge
Dissolved Oxygen 24hr minimum	NS	Dissolved Oxygen 24hr Min	NPS - Urban Runoff/Storm Sewers; PS - Industrial Point Source Discharge; UNK - Source Unknown

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SEGII 2453C Lavaca Bay/Chocolate Bay (Oyster Waters)
Lavaca Bay/Chocolate Bay (Oyster Waters)

AUID: 2453OW_02 *North-northeastern portion of the bay near Point Comfort*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

AUID: 2453OW_03 *Chocolate Bay area*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 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	NPS - Contaminated Sediments; NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unpermitted Discharge (Industrial/commercial Wastes); UNK - Source Unknown

SEGII 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>
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 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

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SEGII 2455C Keller Bay (Oyster Waters)
Keller Bay (Oyster Waters)

AUID: 2455OW_01 *Upper arm*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 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 - Wildlife Other than Waterfowl

SEGII 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

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SEGII 2456C Carancahua Bay (Oyster Waters)
Carancahua Bay (Oyster Waters)

AUID: 2456OW_02 *Upper portion of bay and shoreline area*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 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/Mision 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

SEGII 2462C 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 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

SEGII 2472C 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*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

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SEGII 2473 St. Charles Bay
St. Charles Bay

AUID: 2473_01 St. Charles Bay

<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

SEGII 2481C 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 - Urban Runoff/Storm Sewers

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 - Urban Runoff/Storm Sewers

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 - Urban Runoff/Storm Sewers

SEGII 2482 Nueces Bay
Nueces Bay

AUID: 2482_01 Nueces Bay

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

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper	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 - Upstream Source; NPS - Urban Runoff/Storm Sewers; UNK - Source Unknown

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SEGII 2482C 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	UNK - Source Unknown

SEGII 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	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	NPS - Marina Boat Maintenance; UNK - Source Unknown

SEGII 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; PS - Point 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 - Point Source Unknown

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
Chronic Toxic Substances in water	NS	Copper	NPS - Contaminated Sediments; NPS - Non-Point Source; PS - Industrial Point Source Discharge; PS - Unpermitted Discharge (Industrial/commercial Wastes); UNK - Source Unknown

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SEGII 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

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

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SEGII 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	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
<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	Chlorophyll-a	NPS - Non-Point Source; NPS - Urban Runoff/Storm Sewers

SEGII 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

SEGII 2485D West Oso Creek

From the Oso Creek confluence upstream to a point 0.49 km (0.3 mi) west of FM 1694 in Neuces 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

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SEGID 2485C **Oso Bay (Oyster Waters)**
Oso Bay (Oyster Waters)

AUID: 2485OW_01Oso Bay

Assessment Method

DSHS Shellfish Harvesting
Restrictions Maps

LOS

NS

Parameter

DSHS Shellfishing
Restrictions

Sources

UNK - Source Unknown

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SEGII 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>
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>
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 - Non-Point Source; NPS - Upstream Source

<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

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

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SEGII 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 miles north of Campacuas Lake and 0.32 miles 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>
Nutrient Screening Levels	CS	Chlorophyll-a	NPS - Crop Production (Crop Land or Dry Land); NPS - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Upstream Source; 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 - Irrigated Crop Production; NPS - Non-irrigated Crop Production; NPS - Non-Point Source; NPS - Upstream Source; UNK - Source Unknown

SEGII 2491C Laguna Madre (Oyster Waters)

Laguna Madre (Oyster Waters)

AUID: 2491OW_02 *Area adjacent to the Arroyo Colorado confluence*

<u>Assessment Method</u>	<u>LOS</u>	<u>Parameter</u>	<u>Sources</u>
DSHS Shellfish Harvesting Restrictions Maps	NS	DSHS Shellfishing Restrictions	UNK - Source Unknown

SEGII 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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SEGII 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

SEGII 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

SEGII 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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SEGII 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 - Non-Point Source; PS - Point Source Unknown; 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>
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: 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

AUID: 2501_05 Area between Freeport and Port Aransas

<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_06 Port Aransas 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

2016 Texas Integrated Report - Potential Sources of Impairments and Concerns

SEGII	2501	Gulf of Mexico	From the Gulf shoreline to the limit of Texas' jurisdiction between Sabine Pass and the mouth of the Rio Grande
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AUID: 2501_07 *Area between Port Aransas and Port Mansfield*

<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_08 *Port Mansfield 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_09 *Area between Port Mansfield and Port Isabel*

<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_10 *Port Isabel 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