

General Information

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

Explanation of Column Headings

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

2018 Texas Integrated Report - Potential Sources of Impairments and Concerns

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

Assessment Method
Fish community (Regional)

LOS
CN

Parameter
Fish Community

Sources
UNK - Source Unknown

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)

AUID: 1008_03 SH 249 to IH 45

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)

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Total Phosphorus

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

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Nitrate

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

AUID: 1008_04 IH 45 to the confluence with Lake Houston

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)

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Total Phosphorus

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

Assessment Method
Nutrient Screening Levels

LOS
CS

Parameter
Nitrate

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