

## Country Club Branch (1209D) Recreational Use Attainability Analysis Summary and Recommendation

A recreational use attainability analysis (RUAA) was conducted on Country Club Branch (1209D) in the summer of 2010 to determine the appropriate recreational use and numeric criteria. Country Club Branch is an unclassified intermittent with pools water body that is approximately 1 mile in length. The creek is located in Brazos County. It was identified in the 2012 Texas Clean Water Act Section 303(d) List of Impaired Water Bodies due to elevated bacteria levels. It was initially listed in 2006.

The RUAA identified that the presumed use of primary contact recreation (PCR) for Country Club Branch is appropriate. PCR 1 is defined in §307.3 (a) of the Texas Surface Water Quality Standards as activities that are presumed to involve a significant risk of ingestion of water (e.g. wading by children, swimming, water skiing, diving, tubing, surfing, and the following whitewater activities: kayaking, canoeing, and rafting).

During the field surveys, field staff observed wading by children, fishing, and bicycling. The children stated that they visit the creek through Williamson Park regularly. Williamson Park is adjacent to Country Club Branch in the city of Bryan. Secondary contact recreation in the form of fishing is also a common activity on the stream. Evidence of recreation included children's toys and footprints leading in and out of the water. Country Club Branch had an average thalweg of 0.3 meters (11.81 in). No pools were documented during the field surveys. Flow was not recorded due to insufficient depths. The Palmer Drought Severity Index (PDSI) indicated normal conditions during both field surveys. Public access to Country Club Branch is easy overall. The stream banks have gentle slopes and there is public parking available at Williamson Park. Country Club Branch is located in an urban area with high population density.

Based on evidence collected during the RUAA study, the TCEQ recommends that Country Club Branch retain its primary contact recreation use and corresponding *E. coli* geometric mean criteria of 126 colonies/100mL for the entire segment, from the confluence with Country Club Lake in Bryan in Brazos County to the dam at Fin Feather Lake in Bryan, in accordance with §307.4 (j) (1) of the Texas Surface Water Quality Standards.