

## Hillebrandt Bayou

Segment: 0704 Neches-Trinity Coastal Basin

<b>Basin number:</b>	7
<b>Basin group:</b>	C
<b>Water body description:</b>	From the confluence of Taylor Bayou in Jefferson County to a point 100 meters (110 yards) upstream of SH 124 in Jefferson County
<b>Water body classification:</b>	Classified
<b>Water body type:</b>	Freshwater Stream
<b>Water body length / area:</b>	14 Miles
<b>Water body uses:</b>	Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use

Standards Not Met and Concerns in Previous Years Assessment Area	Use	Support Status or Concern	Parameter	Category
From confluence with Bayou Din to upper end of segment	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
From confluence with Taylor Bayou to confluence with Bayou Din	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c

**Additional Information:** The contact recreation and general uses are fully supported. The fish consumption use was not assessed.

This segment was identified on the 2000 303(d) List as partially supporting the aquatic life use due to depressed dissolved oxygen. Because an insufficient number of 24-hour dissolved oxygen values were available in 2002 to determine if the criterion is supported, this segment will be identified as not meeting the standard for dissolved oxygen until sufficient 24-hour measurements are available to demonstrate support of the criterion.

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
From confluence with Bayou Din to upper end of segment	Aquatic Life Use	Use Concern	depressed dissolved oxygen
From confluence with Bayou Din to upper end of segment	Nutrient Enrichment Concern	Concern	ammonia
From confluence with Taylor Bayou to confluence with Bayou Din	Aquatic Life Use	Use Concern	depressed dissolved oxygen
From confluence with Taylor Bayou to confluence with Bayou Din	Nutrient Enrichment Concern	Concern	ammonia
From confluence with Taylor Bayou to confluence with Bayou Din	Algal Growth Concern	Concern	excessive algal growth

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
From confluence with Bayou Din to upper end of segment	10686	HILLEBRANDT BAYOU AT HUMBLE ROAD
From confluence with Taylor Bayou to confluence with Bayou Din	10685	HILLEBRANDT BAYOU AT HILLEBRANDT ROAD NEAR LOVELL LAKE