

## Alligator Bayou (unclassified water body)

Segment: 0702A Neches-Trinity Coastal Basin

**Basin number:** 7  
**Basin group:** C  
**Water body description:** From the Alligator Bayou pump station at the Jefferson County hurricane protection levee one mile downstream of Spur 215 in Port Arthur to a point immediately upstream of the confluence with Jefferson county Drainage District No. 7 city outfall canal  
**Water body classification:** Unclassified  
**Water body type:** Freshwater Stream  
**Water body length / area:** 3.75 Miles  
**Water body uses:** Aquatic Life Use, Contact Recreation Use, Fish Consumption Use

<b>Standards Not Met in 2002</b>				
Assessment Area	Use	Support Status	Parameter	Category
Entire water body	Aquatic Life Use	Not Supporting	impaired fish community	5c

<b>Standards Not Met and Concerns in Previous Years</b>				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Entire water body	Aquatic Life Use	Not Supporting	ambient toxicity in sediment	5c
Entire water body	Aquatic Life Use	Partially Supporting	ambient toxicity in water	5c

**Additional Information:** The contact recreation use is fully supported. The fish consumption use was not assessed.

This water body was identified on the 2000 303(d) List as partially supporting the aquatic life use due to ambient toxicity in water. Because there were insufficient data available in 2002 to evaluate changes in water quality, this water body will be identified as not meeting the standard for toxicity in water until sufficient data are available to demonstrate use support.

This water body was identified on the 2000 303(d) List as not supporting the aquatic life use due to ambient toxicity in sediment. Because there were insufficient data available in 2002 to evaluate changes in water quality, this water body will be identified as not meeting the standard for toxicity in sediment until sufficient data are available to demonstrate use support.

(based on data from 03/01/1996 to 02/28/2001)

<b>2002 Concerns:</b> <b>Assessment Area</b>	<b>Use or Concern</b>	<b>Concern Status</b>	<b>Description of Concern</b>
Entire water body	Aquatic Life Use	Use Concern-Limited Data	chronic toxicity in water
Entire water body	Aquatic Life Use	Use Concern-Limited Data	impaired habitat
Entire water body	Algal Growth Concern	Concern	excessive algal growth
Entire water body	Narrative Criteria Concern	Concern	chronic toxicity in sediment
Entire water body	Narrative Criteria Concern	Concern	metals in sediment
Entire water body	Narrative Criteria Concern	Concern	organics in fish tissue
Entire water body	Narrative Criteria Concern	Concern	organics in sediment

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
Entire water body	10643	ALLIGATOR BAYOU AT SH82