

Armand Bayou Tidal

Segment: 1113 San Jacinto-Brazos Coastal Basin

Basin number:	11
Basin group:	C
Water body description:	From the confluence with Clear Lake (at NASA Road 1 bridge) in Harris County to a point 0.8 km (0.5 miles) downstream of Genoa-Red Bluff road in Pasadena in Harris County (includes Mud Lake)
Water body classification:	Classified
Water body type:	Tidal Stream
Water body length / area:	8 Miles
Water body uses:	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
Upper segment boundary to Bay Area Blvd.	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5b

Parameters Removed from the 2000 303(d) List: bacteria

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

This segment was identified on the 2000 303(d) List as not 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
Upper segment boundary to Bay Area Blvd.	General Use	Use Concern	high pH
Upper segment boundary to Bay Area Blvd.	Algal Growth Concern	Concern	excessive algal growth

Monitoring sites used: Assessment Area	Station ID	Station Description
Bay Area Blvd. to NASA Rd. 1	11499	ARMAND BAYOU TIDAL AT NASA 1 BRIDGE

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Upper segment boundary to Bay Area Blvd.	11503	ARMAND BAYOU TIDAL AT BAY AREA BLVD NORTH OF NASA

Published studies:		
Publication	Date	Author
IS 20 Armand Bayou	July 1980	Twidwell, S.
IS 7 Horsepen Bayou	Nov. 1979	Twidwell, S.
IS 89-03 Armand Bayou	April 1987	Ottmers, D.

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
1/25/1997	Armand Bayou between Bay Area (above) and the golf course (below).	210	Temperature
12/12/1997	Spencer Highway and Big Island Slough	19568	Organic compound
5/20/1999	Willow Spring Creek downstream of Pasadena Rd. to Canada Street.	182	Low Dissolved Oxygen