

Buffalo Bayou Above Tidal

Segment: 1014 San Jacinto River Basin

Basin number: 10
Basin group: C
Water body description: From a point 400 meters (440 yards) upstream of Shepherd Drive in Harris County to SH 6 in Harris County
Water body classification: Classified
Water body type: Freshwater Stream
Water body length / area: 24 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use

Standards Not Met in 2002				
Assessment Area	Use	Support Status	Parameter	Category
Entire segment	Contact Recreation Use	Not Supporting	bacteria	5a

Additional Information: The aquatic life and general uses are fully supported. The fish consumption use was not assessed.

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Entire segment	Contact Recreation Use	Use Concern-Limited Data	bacteria
Entire segment	Nutrient Enrichment Concern	Concern	ammonia
Entire segment	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Entire segment	Nutrient Enrichment Concern	Concern	orthophosphorus
Entire segment	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Entire segment	11353	BUFFALO BAYOU AT IH 610 IN HOUSTON
Entire segment	11354	BUFFALO BAYOU AT WOODWAY DRIVE
Entire segment	11356	BUFFALO BAYOU AT VOSS ROAD
Entire segment	11357	BUFFALO BAYOU AT SAN FELIPE STREET
Entire segment	11358	BUFFALO BAYOU AT PINEY POINT RD 4.3 MI. WEST OF IH 610 IN WEST HOUSTON
Entire segment	11359	BUFFALO BAYOU AT GESSNER DRIVE
Entire segment	11360	BUFFALO BAYOU AT WEST BELT IN HOUSTON
Entire segment	11361	BUFFALO BAYOU AT WILCREST DRIVE IN HOUSTON
Entire segment	11362	BUFFALO BAYOU AT DAIRY ASHFORD RD WEST OF HOUSTON

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

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Entire segment	11363	BUFFALO BAYOU AT ELDRIDGE ROAD IN HOUSTON
Entire segment	11364	BUFFALO BAYOU AT SH 6
Entire segment	15844	BUFFALO BAYOU AT WESTCOTT AVE. IN HOUSTON
Entire segment	15845	BUFFALO BAYOU AT CHIMNEY ROCK RD IN HOUSTON
Entire segment	15846	BUFFALO BAYOU AT BRIAR FOREST AVE IN WEST HOUSTON

Published studies:		
Publication	Date	Author
IS 28 Buffalo Bayou	Sept. 1980	Kirkpatrick, J.
IS 87-05 Buffalo Bayou	July 1985	Kirkpatrick, J.
IS 87-06 Houston Ship Channel	July 1984	Kirkpatrick, J.
IS 87-06 Buffalo Bayou	July 1984	Kirkpatrick, J.
IS 87-09 Houston Ship Channel	Feb. 1985	Kirkpatrick, J.
IS 87-09 Buffalo Bayou	Feb. 1985	Kirkpatrick, J.
IS 88-01 Buffalo Bayou	April 1987	Kirkpatrick, J.

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
6/9/1998	Buffalo Bayou from Westcott St downstream to Fannin at U of H downtown	1000	Low Dissolved Oxygen