

Greens Bayou Above Tidal

Segment: 1016 San Jacinto River Basin

Basin number: 10
Basin group: C
Water body description: From a point 0.7 km (0.4 miles) above the confluence of Halls Bayou in Harris County to a point 100 meters (110 yards) above FM 1960 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 2004				
Assessment Area	Use	Support Status	Parameter	Category
IH 45 to US 59	Contact Recreation Use	Not Supporting	bacteria	5a
Upstream FM 1960 to IH 45	Contact Recreation Use	Not Supporting	bacteria	5a

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Upstream FM 1960 to IH 45	Aquatic Life Use	Use Concern-Limited Data	chromium (chronic) in water	

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

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
IH 45 to US 59	Nutrient Enrichment Concern	Concern	ammonia
Upstream FM 1960 to IH 45	Nutrient Enrichment Concern	Concern	ammonia
Upstream FM 1960 to IH 45	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Upstream FM 1960 to IH 45	Nutrient Enrichment Concern	Concern	orthophosphorus
Upstream FM 1960 to IH 45	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:		
Assessment Area	Station ID	Station Description
IH 45 to US 59	11371	GREENS BAYOU AT US 59 NORTH OF HOUSTON
IH 45 to US 59	11372	GREENS BAYOU AT ALDINE-BENDER ROAD IN HOUSTON
IH 45 to US 59	11373	GREENS BAYOU AT HARDY ROAD IN HOUSTON

Monitoring sites used:		
Assessment Area	Station ID	Station Description
US 59 to upstream Halls Bayou confluence	11369	GREENS BAYOU AT TIDWELL ROAD IN HARRIS CO.
US 59 to upstream Halls Bayou confluence	11370	GREENS BAYOU AT MT HOUSTON PARKWAY
Upstream FM 1960 to IH 45	11374	GREENS BAYOU AT IH 45
Upstream FM 1960 to IH 45	11376	GREENS BAYOU AT WEST GREENS PKWY
Upstream FM 1960 to IH 45	13778	GREENS BAYOU AT KNOBCREST ST, 600 FT. DOWNSTREAM FROM IH 45

Published studies:		
Publication	Date	Author
AS 106/IS Greens Bayou	June 1995	Twidwell, S.

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
11/6/1997	Greens Bayou at Ella Blvd.	1000	Inorganic compound
7/8/1998	Greens Bayou at Beltway 8	6	Unknown