

Highland Bayou (unclassified water body)

Segment: 2424A Bays and Estuaries

Basin number: 24
Basin group: C
Water body description: From confluence with Jones Bay to Avenue Q 1/2 north of SH 6 between Arcadia and Alta Loma in Galveston County
Water body classification: Unclassified
Water body type: Tidal Stream
Water body length / area: 13.2 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, Fish Consumption Use

Standards Not Met in 2002				
Assessment Area	Use	Support Status	Parameter	Category
From FM 2001 to FM 519	Contact Recreation Use	Not Supporting	bacteria	5c
From Fairwood Road to Bayou Lane	Contact Recreation Use	Not Supporting	bacteria	5c
From the headwaters to FM 2004	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
From the headwaters to FM 2004	Contact Recreation Use	Not Supporting	bacteria	5c

Additional Information: The fish consumption use was not assessed.

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
From FM 2001 to FM 519	Aquatic Life Use	Use Concern	depressed dissolved oxygen
From FM 519 to Fairwood Road	Aquatic Life Use	Use Concern	depressed dissolved oxygen
From Fairwood Road to Bayou Lane	Aquatic Life Use	Use Concern	depressed dissolved oxygen
From the headwaters to FM 2004	Aquatic Life Use	Use Concern	depressed dissolved oxygen

Monitoring sites used:		
Assessment Area	Station ID	Station Description
From Bayou Lane to the confluence with Jones Bay	16488	HIGHLAND BAYOU AT SH6 BRIDGE SE OF HITCHCOCK
From FM 2001 to FM 519	15941	HIGHLAND BAYOU TIDAL AT FM519 IN CITY OF HITCHCOCK
From FM 519 to Fairwood Road	11415	HIGHLAND BAYOU AT FAIRWOOD ROAD IN LA MARQUE
From Fairwood Road to Bayou Lane	16562	HIGHLAND BAYOU AT END OF BAYOU LANE, FREDDIESVILLE
From the headwaters to FM 2004	16491	HIGHLAND BAYOU AT FM2004 IN HITCHCOCK

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

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
7/26/1996	Highland Bayou, Galveston County @ I-45 S.Feeder 1/2 mile past Hwy 519.	40600	Low Dissolved Oxygen
8/18/1999	tributary to Highland Bayou in LaMarque off IH 45	100	Low Dissolved Oxygen
11/15/1999	Highland Bayou diversionary canal and Jack Brooks Park	25	Low Dissolved Oxygen