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

Texas City Ship Channel

Segment: 2437 Bays and Estuaries

Basin number: 24
Basin group: C
Water body classification: Classified
Water body type: Estuary
Water body length / area: 0.6 Sq. miles
Water body uses: Aquatic Life Use, Noncontact Recreation Use, General Use, Fish Consumption Use

Standards Not Met and Concerns in Previous Years Assessment Area	Use	Support Status or Concern	Parameter	Category
Entire segment	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c

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

This segment was identified on the 2000 303(d) List as partially 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 as available to demonstrate support of the criterion.

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
Entire segment	Nutrient Enrichment Concern	Concern	ammonia
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	13361	TEXAS SHIP CHANNEL, TEXAS CITY CANAL MIDWAY BETWEEN MOUTH AND TERMINUS
Entire segment	16546	TEXAS CITY SHIP CHANNEL, SE CORNER NEAR CARBIDE DOCKS, 200FT FROM SHORE IN TEXAS CITY
Entire segment	16547	TEXAS CITY SHIP CHANNEL MIDLINE UPSTREAM OF BEND AT TURNING BASIN
Entire segment	16548	TEXAS CITY SHIP CHANNEL OFFSHORE 200FT FROM STERLINGS OUTFALL IN TEXAS CITY

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

Monitoring sites used: Assessment Area	Station ID	Station Description
Entire segment	16549	TEXAS CITY SHIP CHANNEL OFFSHORE FROM BANK OPPOSITE AMOCO'S OUTFALL
Entire segment	16550	TEXAS CITY SHIP CHANNEL OFFSHORE 200FT FROM STERLING'S STORMWATER OUTFALL IN THE BARGE SLIP IN TEXAS CITY

Published studies: Publication	Date	Author
AS-127/SR Texas City Ship Channel	1973-84	Marks, L (Region 12)
IS 57 Texas City Ship Channel	April 1982	Kirkpatrick, J.

Historical fish kills: Date	Location	Fish Killed	Suspected Cause
4/22/1996	internal process canal (trib. to Texas City Ship Channel)	50000	Low Dissolved Oxygen