

Upper Galveston Bay

Segment: 2421 Bays and Estuaries

Basin number: 24
Basin group: C
Water body classification: Classified
Water body type: Estuary
Water body length / area: 108.2 Sq. miles
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Oyster Waters Use

Standards Not Met in 2002 Assessment Area	Use	Support Status	Parameter	Category
Area west of a line from Eagle Point to Five Mile Pass to Houston Point	Oyster Waters Use	Not Supporting	bacteria (oyster waters)	5a
Red Bluff to Five Mile Cut to Houston Point to Morgans Point	Fish Consumption Use	Not Supporting	dioxin in catfish and crab tissue	5a

Additional Information: The aquatic life, contact recreation and general uses are fully supported.

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
Area east of a line from Eagle Point to Five Mile Pass to Houston Point	Oyster Waters Use	Use Concern	bacteria (oyster waters)
Entire Segment	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used: Assessment Area	Station ID	Station Description
Entire Segment	13303	UPPER GALVESTON BAY HSC CM 63/64
Entire Segment	13305	UPPER GALVESTON BAY BETWEEN HSC MARKER 71 AND OUTER BEACON OF SEABROOK CHANNEL (TPWD MARKER)
Entire Segment	13306	UPPER GALVESTON BAY AT END OF FIVE MILE PASS AT CM 6
Entire Segment	13307	UPPER GALVESTON BAY AT HSC MARKER 75/76
Entire Segment	13312	UPPER GALVESTON BAY AT HSC MARKER 85/86
Entire Segment	14554	UPPER GALVESTON BAY BETWEEN SMITH POINT AND RED BLUFF
Entire Segment	14555	UPPER GALVESTON BAY 3 MI. EAST OF HSC MARKER 76
Entire Segment	14556	UPPER GALVESTON BAY BETWEEN HSC MARKERS 79 AND 80
Entire Segment	14557	UPPER GALVESTON BAY AT SMITH POINT IN THE TRINITY RIVER CHANNEL
Entire Segment	14560	UPPER GALVESTON BAY AT HSC MARKER 75
Entire Segment	14561	UPPER GALVESTON BAY AT SYLVAN BEACH

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Entire Segment	14562	UPPER GALVESTON BAY BETWEEN RED BLUFF AND HSC MARKER 75
Entire Segment	14563	UPPER GALVESTON BAY BETWEEN SMITH POINT AND HSC MARKER 75
Entire Segment	14565	UPPER GALVESTON BAY NEAR SURF OAKS
Entire Segment	14566	UPPER GALVESTON BAY AT HSC MARKER 59
Entire Segment	14569	UPPER GALVESTON BAY AT SWITCHOVER REEF
Entire Segment	14570	UPPER GALVESTON BAY
Entire Segment	14571	UPPER GALVESTON BAY AT KEMAH MARKER 2
Entire Segment	14572	UPPER GALVESTON BAY BETWEEN KEMAH AND BAYVIEW
Entire Segment	14579	UPPER GALVESTON BAY AT CEDAR BAYOU CM 14
Entire Segment	14580	UPPER GALVESTON BAY AT CEDAR BAYOU CM 31
Entire Segment	14581	UPPER GALVESTON BAY AT BACLIFF MARKER 2
Entire Segment	14582	UPPER GALVESTON BAY AT EAGLE POINT
Entire Segment	14598	UPPER GALVESTON BAY AT THE EDGEWATER CAFE PIER IN KEMAH
Entire Segment	15242	UPPER GALVESTON BAY AT 95GB011, HALFWAY BETWEEN SMITH PT. AND HOUSTON PT.
Entire Segment	15243	UPPER GALVESTON BAY AT 95GB012, 1.4 MI. SW OF HSC 71
Entire Segment	15244	UPPER GALVESTON BAY AT 95GB006, 0.75 MI. EAST OF BAYRIDGE PARK
Entire Segment	15245	UPPER GALVESTON BAY AT 95GB009, 2.5 MI. SOUTH OF HOUSTON PT.
Entire Segment	15246	UPPER GALVESTON BAY AT 95GB016, 0.23 MI. NE OF REDFISH REEF
Entire Segment	15247	UPPER GALVESTON BAY AT 95GB014, JUST SOUTH OF ENTRANCE TO SEABROOK CHANNEL
Entire Segment	15903	UPPER GALVESTON BAY AT 96GB008, 1.3 MI. SOUTH OF BEACH CITY SHORELINE
Entire Segment	15904	UPPER GALVESTON BAY AT 96GB009, 0.25 MI. ESE OF MOUTH OF LITTLE CEDAR BAYOU
Entire Segment	15906	UPPER GALVESTON BAY AT 96GB011, 4.7 MI. SE OF HOUSTON PT.
Entire Segment	15907	UPPER GALVESTON BAY AT 96GB012, 200 YDS. SE OF HOUSTON YACHT CLUB
Entire Segment	15908	UPPER GALVESTON BAY AT 96GB013, 0.5 MI. ENE OF MOUTH OF BAYPORT CHANNEL
Entire Segment	15909	UPPER GALVESTON BAY AT 96GB014, 3.1 MI. NE OF HSC CM68
Entire Segment	15910	UPPER GALVESTON BAY AT 96GB015, 0.5 MI. NE OF HSC CM64
Entire Segment	15911	UPPER GALVESTON BAY AT 96GB017, 0.75 MI. WEST OF SMITH PT.
Entire Segment	15913	UPPER GALVESTON BAY AT 96GB018, 2.4 MI. SE OF SEABROOK CM7
Entire Segment	16201	UPPER GALVESTON BAY AT 97GB008, 0.5MI WEST OF MESQUITE KNOLL
Entire Segment	16203	UPPER GALVESTON BAY AT 97GB010, 0.75MI SW OF MESQUITE KNOLL
Entire Segment	16207	UPPER GALVESTON BAY AT 97GB013, 3.25MI EAST OF HSC BETWEEN CM70 AND CM68
Entire Segment	16208	GALVESTON BAY AT 97GB014, 2.25MI SW OF HSC CM73
Entire Segment	16209	UPPER GALVESTON BAY AT 97GB015, 0.2MI SE OF HSC CM70
Entire Segment	16213	UPPER GALVESTON BAY AT 97GB019, 5.25MI NORTH OF THE HL&P P. H. ROBINSON OUTFALL
Entire Segment	16215	UPPER GALVESTON BAY AT 97GB021, 1.25MI NE OF HSC CM58
Entire Segment	16230	UPPER GALVESTON BAY AT 97GB036, 2MI SW OF HOUSTON POINT
Entire Segment	16503	UPPER GALVESTON BAY, 1.1MI SOUTH OF TABBS BAY CM20, 1MI SE OF TABBS BAY CM26 (98GB010)

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Entire Segment	16507	UPPER GALVESTON BAY, 0.75MI NORTH OF FIVE MILE CUT, 0.3MI EAST OF ATKINSON ISLAND (98GB014)
Entire Segment	16510	UPPER GALVESTON BAY, 3.75MI NW OF SMITH POINT, 4MI NE OF HSC64 (98GB017)
Entire Segment	16511	UPPER GALVESTON BAY, 2.9MI WEST OF HSC69, 1.8MI SOUTH OF RED BLUFF POINT (98GB018)
Entire Segment	16512	UPPER GALVESTON BAY, 0.5MI EAST OF HSC65/66 (98GB019)
Entire Segment	16516	UPPER GALVESTON BAY, 2.1MI SE OF SEABROOK CM4, 1.75MI NW OF HL&P OUTFALL (98GB024)
Entire Segment	17091	UPPER GALVESTON BAY AT HSC MARKER 65, 2.3MI NORTH OF EAGLE POINT

Published studies:		
Publication	Date	Author
IS 87-06 Upper Galveston Bay	July 1984	Kirkpatrick, J.
IS 87-06 Houston Ship Channel	July 1984	Kirkpatrick, J.
IS 87-09 Upper Galveston Bay	Feb. 1985	Kirkpatrick, J.
IS 87-09 Houston Ship Channel	Feb. 1985	Kirkpatrick, J.

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
4/28/1996	Houston Yacht Club	50000	Low Dissolved Oxygen
7/9/1996	Porto Fino Harbor canal in Galveston Bay	1000	Low Dissolved Oxygen