

Department of State Health Services (DSHS) Fish Tissue Contaminant Monitoring Summary for the Galveston Bay Estuary

- **1990**
 - Consumption advisory number 3 (ADV-3) issued for the Houston Ship Channel and all contiguous waters including the San Jacinto River below the U.S. Highway 90 Bridge and Upper Galveston Bay north of a line from Red Bluff Point to Five-Mile Cut Marker to Houston Point due to the presence of dioxins in catfish and blue crabs.

- **2001**
 - Consumption advisory number 20 (ADV-20) issued for the Houston Ship Channel upstream of the Lynchburg Ferry crossing and all contiguous waters including the San Jacinto River below the U.S. Highway 90 Bridge due to the presence of pesticides and PCBs in all species of fish.

- **2004**
 - Consumption advisory number 28 (ADV-28) issued for the Houston Ship Channel and all contiguous waters including the San Jacinto River below the U.S. Highway 90 Bridge and Upper Galveston Bay north of a line from Red Bluff Point to Five-Mile Cut Marker to Houston Point due to the presence of PCBs in spotted seatrout.

- **2006–2007**
 - DSHS collected 122 fish and blue crab samples from Study Area 1 (Galveston Bay south of Five-Mile Cut Marker and north of a line from Eagle Point to Smith Point including Trinity Bay). Project funding was provided by the Galveston Bay Estuary Program (GBEP).
 - DSHS collected 82 fish and blue crab samples from Study Area 2 (Lower Galveston Bay excluding East and West Galveston Bay). Project funding was provided by the General Land Office (GLO).

- **2008**
 - Consumption advisory number 35 (ADV-35) issued for Galveston Bay including Chocolate Bay, East Bay, Trinity Bay, and West Bay and contiguous waters due to the presence of dioxins and PCBs in catfish and spotted seatrout.

- **2010**
 - DSHS collected 133 fish samples from the Galveston Bay Estuary (Table 1). Project funding was provided through the Social Services Block Grant.
 - Risk assessment pending.

Table 1. 2010 Galveston Bay Sample Sites

Site Number	Longitude	Latitude	Site Description
1	-94.81495	29.75288	TRINITY BAY AT HL&P OUTFALL
2	-94.99272	29.58937	GALVESTON BAY AT PINE GULLY
3	-94.96468	29.50962	GALVESTON BAY AT CLIFTON CHANNEL / REDFISH ISLAND
3	-94.88747	29.51465	GALVESTON BAY AT CLIFTON CHANNEL / REDFISH ISLAND
4	-94.89613	29.33642	GALVESTON BAY AT CAMPBELL BAYOU
5	-94.68668	29.53710	EAST GALVESTON BAY AT STEPHENSON POINT
6	-94.56124	29.53117	EAST GALVESTON BAY AT LONG POINT
7	-95.11936	29.17329	WEST GALVESTON BAY AT ALLIGATOR POINT
8	-95.13248	29.08178	WEST GALVESTON BAY AT COLD PASS / BIRD ISLAND
9	-95.01355	29.18492	WEST GALVESTON BAY AT SHELL ISLAND POINT

▪ **2011**

○ **San Jacinto River**

- DSHS collected 45 fish samples from three sample sites near the San Jacinto River NPL Site (San Jacinto River Wastes Pits near IH-10, U.S. Highway 90, and the Lynchburg Ferry Crossing). Project funding provided by the Environmental Protection Agency (EPA) through the Texas Commission on Environmental Quality (TCEQ).
- Fish tissue analysis pending.

○ **Gulf of Mexico**

- DSHS collected 289 fish samples from Texas offshore and nearshore waters. Three ports or general areas were selected as sample collection locations: Galveston offshore (GAO), Port O'Connor offshore (POO), and Port Aransas offshore (PAO). Project funding provided by the DSHS Environmental & Injury Epidemiology & Toxicology Unit.
- Fish tissue analysis pending (mercury only).