

Alligators, Bobcats, Coyotes, White-tailed Deer, Egrets, Herons, and Turkey Vultures.

Parts of the bayou are in a tidal zone, which means that it is influenced by salt water as well as freshwater flows from upstream. This mixing of freshwater mades Armand Bayou

The rich vegetation of this region is home to many other animals including: Deer,

future generations. After Yramategui's untimely death, friends continued his efforts and

Their successful project ultimately led to the formation of Armand Bayou Nature Center

with 2119 acres, preserving some of the natural characteristics of the lower end of the

and the renaming of the bayou. The Armand Bayou Park and Nature Center was created

bayou. In 1990, Armand Bayou was designated as a Texas Coastal Preserve - the country's

acquired some 2,100 acres of land situated on what was then called Middle Bayou.

largest urban preserve.

well as freshwater flows from upstream. This mixing of freshwater makes Armand Bayou part of an estuary – a valuable nursery for adolescent water wildlife that includes shrimp, crabs, flounder, menhaden, mullet, red drum, and speckled trout. These marine animals use the bayou to mature and then migrate into the Gulf of Mexico.

an impaired water body due to its oxygen and
bacteria levels. The Texas Natural Resource
Conservation Commission has initiated a special
/ESTON BAY study of the watershed to develop new
management strategies.

In 1998, the State of Texas listed Armand Bayou as

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No matter where we live or work. we are always in a watershed an area of land that drains to a particular creek, river, bayou or lake. As our population grows, so do the risks to our waterways from activities in the watershed. **Understanding our** role in watershed management is key to the protection of our waterways, floodplains, and

Watershed

drinking water, plus our recreational and fishing areas.



Subsidence

Over the last one hundred years, Armand Bayou has changed dramatically as a result of human activity. Subsidence, a lowering of the land surface caused by rapid and wide spread groundwater and petroleum withdrawals, has virtually eliminated the coastal marshes, extended the zone of tidal influence, and changed the lower reach of the bayou from a fresh to salty water environment. Since the early 1900's, the watershed has subsided between 5-7 feet causing Mud Lake to enlarge more than three times its size. Several hundred acres of wetlands have been lost along the bayou, accounting for a 91.3% reduction in wetland acreage. Bare trees trunks along the banks of the Bayou are further evidence of human influence. Fortunately, subsidence is projected to be less than an additional foot by the year 2020.

A Texas Coastal Preserve

With the support of local officials and the public, Armand Bayou has been designated a Texas Coastal Preserve by the Texas Parks and Wildlife Department and the Texas General Land Office. As a permanent preserve, the area receives protection of water quality, living resources, and human health – making it one of the last undisturbed bayous in the Houston area. In the waters that flow through Bay Area Park and the Armand Bayou Nature Center, motorized boat traffic is not allowed, making it a premier site for canoeing and flat water kayaking.

Contacts

For more information about your watershed, please contact the following:

Armand Bayou Nature Center

8500 Bay Area Blvd. (7 mi. east of I-45.) Weekend visitors may enjoy demonstrations and guided walks. (281) 474-2551 www.ghg.net/abnc/

Galveston Bay Estuary Program

(281) 332-9937 www.epa.gov/owow/estuaries/gb.htm

Galveston Bay Foundation

(281) 332-3381 www.galvbay.org

Houston-Galveston Area Council

(713) 627-3200 www.hgac.cog.tx.us

Texas Natural Resource Conservation Commission

(512) 239-4491 www.tnrcc.state.tx.us

Texas Parks & Wildlife Department

(800) 792-1112 www.tpwd.state.tx.us/



A voluntary association of local governments in the 13-county Gulf Coast Planning Region.



A partnership between the Texas Natural Resource Conservation Commission, regional water quality authorities...and you!



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