

# Appendix I. Existing Water Quality Outreach Efforts

## Water Quality Promotional Materials

- Armand Bayou Watershed roadside signs  
Houston-Galveston Area Council will place roadside watershed signs in the area. The basic sign design approved, funds were made available and sites for sign placement were chosen.
- Armand Bayou Watershed brochure  
Tri-fold brochure highlighting the watershed and some of its more prominent features and threats. Online at: <http://www.h-gac.com/> (Type "Armand Bayou" into search box at upper right, should be the first link that comes up, but check to make sure it has 8818 in name. Opens very slowly.)
- Loop trail brochure  
Self-guided driving trail in and around Galveston Bay. The Galveston Bay Foundation received a grant from the Galveston Bay Estuary Program to develop a brochure of a driving self-tour of the many wonders of the Galveston Bay Estuary. (<http://galvbay.org/>)
- "Clean Water Clear Choice"  
Extensive outreach campaign, complete with logo, canvas bags, folders with pamphlets, magnets, etc. (<http://www.cleanwaterclearchoice.org/>)
- "Pasadena, Coastal City"  
Series of 12 x 30 minute videos highlighting water quality and Armand Bayou, airing monthly on local access cable TV; available to other cities for use as well. (<http://www.ci.pasadena.tx.us/news.htm#TV62>)
- No Dumping video  
Ten-minute video, volunteers take to 3rd to 5th grade classes.
- Construction fact sheet (pending)  
One-page fact sheet, for building permit applicants.
- Construction Site Best Management Practices manual (pending)  
Developed by a local Construction BMP Alliance. Being printed by Texas Cooperative Extension/Texas Sea Grant on a grant from the Galveston Bay Estuary Program ([www.urban-nature.org](http://www.urban-nature.org))
- Landscape regulation / education  
Code enforcement officers stop landscapers and yard maintenance personnel when they see them blowing grass clippings into the curb drains.
- WaterSmart Landscaping brochures  
Brochures that explain the benefits – both environmental and personal – of proper plant selection and maintenance.

- <http://www.urban-nature.org/publications/pef/WS-organicLawnCare.pdf>
- <http://www.urban-nature.org/publications/pef/WS-WatersmartBrochure.pdf>
- Children's art calendar  
Fifth graders artistically incorporate important Bay facts and dates in a popular calendar distributed to area residents, decision-makers and supporters.
- TCEQ water quality programs, efforts, and activities  
[http://www.tceq.state.tx.us/AC/nav/eq/eq\\_water.html](http://www.tceq.state.tx.us/AC/nav/eq/eq_water.html)  
Refer to TCEQ publications list: <http://www.tnrcc.state.tx.us/admin/topdoc/> or <http://www.tnrcc.state.tx.us/cgi-bin/exec/publications.pl>
- Websites, newsletters, etc.  
Most organizations have websites with a wealth of information available. Organizations with members (such as nonprofits and homeowners' associations), municipalities, and others, such as water districts, have newsletters that are mailed out – and often posted online.
- Teacher Tool Kit - <http://www.tpwd.state.tx.us/edu/teacher.phtml>
- Wildlife Posters and Fact Sheets - <http://www.tpwd.state.tx.us/edu/posters.phtml>

## Workshops and Classroom Activities about Water Quality and Watersheds

- Master Naturalists  
Intensive several-month week training educates people about the ecology of the area and then creates a network of volunteers for various ecological restoration projects.  
<http://www.tpwd.state.tx.us/nature/volunteer/txmasnat/>
- Master Gardeners  
Intensive several-month training educates people about the proper planting and care of landscapes and yards. <http://aggie-horticulture.tamu.edu/mastergd/mg.html>
- Collaborative education workshop (pending)  
The groups are working to coordinate awareness and distribution of water quality and stormwater educational materials.
- Water-related eco-classes  
Classes for students from K-12 (depending on course): Water Water Everywhere, Night / dawn/ sunset boat rides, Night hikes, Pond Pal classes, Bayou Studies, EcoCamp, self-guided trail with activity packets, Nature Discovery Classes, etc.—may include dipnet, seine, microscope, talks from staff/volunteers, etc.

- **Bay Ambassadors**  
Galveston Bay Foundation trains volunteers speak to students at their schools to talk about water quality and relationship to Galveston Bay. ([www.gbfb.org](http://www.gbfb.org))
- **"Estuaries Live"**  
25 September 2003, out of ABNC—Students and educators from around the country log in for live interaction with experts on estuaries, watersheds, and water quality. (<http://www.estuarylive.org/>)
- **WaterSmart Landscaping Workshop**  
One-day workshop and plant sale, offering a multitude of talks about various topics related to smart gardening. (<http://www.watersmart.cc/>)
- **Galveston Bay Yards and Neighbors Program**  
Community based education program educates homeowners on "Bay Friendly" home and lawn care practices which help reduce excess use of potential non-point source pollutants that may end up in Galveston Bay. ([http://aggie-horticulture.tamu.edu/galveston/galveston\\_bay\\_yards\\_&\\_neighbors.htm](http://aggie-horticulture.tamu.edu/galveston/galveston_bay_yards_&_neighbors.htm))
- **San Jacinto Marsh Restoration Project**  
The San Jacinto Battleground State Historical Park preserve is the oldest and most visited state park in Texas and the site of the Marsh Restoration Project. It serves as a centerpiece of natural history training for teachers of K - 6 children. (<http://www.eih.uh.edu/education/sjimp.htm>)
- **Science of Galveston Bay**  
Interactive lesson plans show teachers and representatives of local parks and recreation departments how to integrate information about the Bay into their curricula and programs.
- **Brown bag lunch lectures**  
The Environmental Institute of Houston offers bring-your-own lunch lectures, by a variety of guest speakers, about local environmental issues.
- **Citizens' Advisory Panels (CAPs) / Citizens' Advisory Councils (CACs)**  
Created to encourage dialogue between chemical plant owners/operators and local neighborhood representatives, CAPs and CACs generally discuss local issues of concern, including environmental threats.
- **Hunter, Boater and Angler Education**  
Hunter education teaches hunting safety, skills and responsibility. The Texas Boater Education Program stresses boating safety and responsibility. Angling instructors provide several levels of angler training.
- **Outdoor Kids**  
Outdoor Kids is a self-paced program encouraging young people to experience firsthand the natural, cultural and recreational resources of Texas under the guidance of an adult leader—for instance, a Scout troop leader, a teacher, or a parent.
- **Project Wild**  
Project WILD/Aquatic WILD is "Wildlife in Learning Design" - a Kindergarten - 12th grade environmental and conservation education program emphasizing awareness, appreciation and understanding of wildlife and natural resources.
- **Community Outdoor Outreach Program**  
Builds relationships with non-traditional constituencies who have been underrepresented in Texas Parks & Wildlife activities and programs
- **Master Naturalists**  
Intensive several-month training educates people about the ecology of the area and then creates a network of volunteers for various ecological restoration projects. (<http://www.tpwd.state.tx.us/nature/volunteer/texasnat/>)
- **Texas Nature Trackers**  
Texas Nature Trackers, associated with the Texas Master Naturalist Program, is a citizen science monitoring effort designed to involve volunteers of all ages and interest levels in gathering scientific data on species of concern in Texas through experiential learning.
- **Teacher Tool Kit** (<http://www.tpwd.state.tx.us/edu/teacher.phtml>)
- **Wildlife Posters and Fact Sheets** (<http://www.tpwd.state.tx.us/edu/posters.phtml>)
- **Becoming an Outdoors Woman**  
Provides an atmosphere where women feel comfortable learning new skills associated with hunting, fishing, and other outdoor activities, in a supportive and non-threatening environment.
- **Wildscapes**  
Texas Wildscapes is a habitat restoration plan for rural and urban areas. Texas Wildscapes are small habitats that provide the essential ingredients for a variety of wildlife—food, water, shelter, and space. This is done by planting and maintaining native vegetation, installing birdbaths and ponds and creating structure. <http://www.tpwd.state.tx.us/nature/wildscapes/>
- **Private Lands and Habitat Enhancement**  
The goal of the Private Lands and Habitat Program is to provide expertise to land managers in the preservation and development of wildlife habitat and the proper management of the various wildlife populations which utilize that habitat. ([http://www.tpwd.state.tx.us/conservation/private\\_lands/](http://www.tpwd.state.tx.us/conservation/private_lands/))
- **Landowner Incentive Program**
- **Incentive programs to assist private landowners in protecting and managing rare species can have a direct and positive impact on their conservation. It is the goal of this program to provide financial incentives that encourage landowners to help conserve rare species.** (<http://www.tpwd.state.tx.us/conservation/lip/>)