

Online Registration and more information at: <http://www.bayoupreservation.org>  
Free Parking at the University of St. Thomas Moran Center

**REGISTRATION FORM:** **\$125, Students with ID: \$35**

_____		
Last Name	First Name	
_____		
Title	Affiliation	
_____		
Address		
City/State/Zip		
_____		
Phone	Fax	Email
_____		

**PAYMENT INFORMATION**

VISA    MASTERCARD    AMERICAN EXPRESS    DISCOVER    CHECK  
Make Checks payable to:  
Bayou Preservation Association

_____	_____
Credit Card Number	Expiration Date
_____	
Name (as it appears on card)	Signature
_____	

OR Mail completed form to: Bayou Preservation Association  
P.O. 131563  
Houston, Texas 77219-1563  
FAX to: 713-529-6481

**bpa** bayou  
preservation  
association  
P.O. Box 131563  
Houston, Texas 77219-1563

NONPROFIT  
ORGANIZATION  
US POSTAGE PAID  
HOUSTON, TEXAS  
PERMIT NO. 853

**BACTERIA  
IN OUR BAYOUS:**

**WATER QUALITY  
STANDARDS**

**AND**

**RESTORATION  
OPTIONS**

**OCTOBER 15-16, 2007**

**Jerabeck Activity Center  
University of St. Thomas**

October 15 - 16, 2007

University of St. Thomas  
Jerabeck Activity Center  
4000 Mt. Vernon Street  
Houston, TX 77006

Many bayous in the Houston metropolitan area contain levels of bacteria that exceed target levels for safe swimming and contact recreation, known as water quality standards. This has led to a water quality restoration process that seeks to understand how much bacteria enters or regenerates in our bayous, the sources of bacteria, the types of bacteria and their relative physiological effects on humans and wildlife, and how bacteria loads from wastewater, stormwater, and other sources can be reduced. This process requires the development and implementation of strategies to reduce bacteria. These strategies will impact many citizens and governments in our region and could result in higher costs for municipal services such as wastewater treatment and stormwater management.

Please join the TCEQ, US Environmental Protection Agency, City of Houston, Harris County Flood Control District, Harris County, Texas Department of Transportation, and other regional stakeholders as we explore the technical and policy issues surrounding this process.

#### ORGANIZING SPONSORS

Bayou Preservation Association  
Harris County  
City of Houston  
Harris County Flood Control District  
University of St. Thomas  
Galveston Bay Estuary Program  
Houston-Galveston Area Council  
Texas Cooperative Extension/Texas Sea Grant  
Houston Council of Engineering Companies  
Greater Houston Builders Association  
PBS&J  
CivilTech Engineering, Inc.  
TCB/ENSR

#### PROGRAM SPONSORS

Houston-Galveston Area Council  
Clean Water Network  
Houston Endowment Inc.  
CivilTech Engineering, Inc.  
PBS&J  
Construction Ecoservices  
TCB  
ENSR  
Harris County  
Harris County Flood Control District



For registration, directions, and parking information:  
[www.bayoupreservation.org](http://www.bayoupreservation.org)

This event may be eligible to meet your professional registration body's continuing education requirements.

## BACTERIA IN OUR BAYOUS: WATER QUALITY STANDARDS AND RESTORATION OPTIONS

### MONDAY

7:30 to 8:30 Registration and Coffee  
8:30 to 8:40 Welcome: Bayou Preservation Association J. Tynan Kelly, J.D., President, BPA

### MORNING SESSION - WHAT DO WE KNOW ABOUT OUR WATER QUALITY?

Moderator: Ann Hamilton, Houston Endowment Inc.  
8:40 to 9:00 The Water Quality Management Framework Michael Bloom, P.E., PBS&J, HCEC  
9:00 to 9:30 So How's Our Water? (Local Clean Rivers Update) Om Chawla, H-GAC  
9:30 to 9:50 Historical Water Quality Gary Garrett, Harris County Flood Control District  
9:50 to 10:00 BREAK  
10:00 to 10:20 Local Bacteria TMDL and Status Update Tom Weber, TCEQ  
10:20 to 10:40 Illicit Discharges - Brickhouse Gully Trent Martin, Harris County Watershed Protection  
10:40 to 11:00 Wastewater Discharges and Sediment Studies Ralph Calvino, REM, TCB  
11:00 to 11:20 Bacteria Die-Off Study Jean Wright, H-GAC  
Kim Phillips, City of Houston  
11:20 to 11:40 Q & A with morning speakers  
11:40 to 1:00 LUNCHEON KEYNOTE Commissioner Larry Soward, TCEQ  
Introduction Carl Masterson, H-GAC

### AFTERNOON - WHAT ARE THE QUESTIONS ABOUT WATER QUALITY AND TMDL?

Moderator: Natalie Roy, Clean Water Network  
1:00 to 1:30 Regrowth Studies Robin Bechanko, National Sanitation Foundation  
1:30 to 2:00 Water Quality Standards Jim Davenport, Julie Hamilton, TCEQ  
Jane Watson, Ph.D., US EPA Region 6  
Todd Running, H-GAC  
2:00 to 2:30 Use Attainability Analysis  
2:30 to 2:40 BREAK  
2:40 to 3:10 Alternative Standard Approaches Sharon Crabb, ENSR/TCB  
3:10 to 3:40 Is There Really a Health Issue? Cindy Kilborn, Harris County  
3:40 to 4:10 TCEQ/TSSWCB Bacteria TMDL Task Force Alan Jones, Ph.D., Kevin Wagner, Ph. D., TWRI  
4:10 to 4:30 Q & A with afternoon speakers  
4:30 to 6:00 RECEPTION AND POSTER JUDGING SESSION

### TUESDAY - POTENTIAL SOLUTIONS

Moderator: Robert Adair, Construction Ecoservices  
7:30 to 8:30 Registration and Coffee  
8:30 to 9:00 Kansas Approach Thomas C. Stiles, Kansas DHE  
9:00 to 9:30 Elected Officials The Honorable County Judge Ed Emmett  
The Honorable Mayor Bill White  
Mark Lowry, P.E., TCB  
9:30 to 10:00 Watershed Protection Plan  
10:00 to 10:15 BREAK  
10:15 to 11:45 Panel Discussion: Michael Bloom P.E., Moderator  
Bacteria TMDL Development and Implementation John Blount, P.E., Harris County  
Carol Ellinger, P.E., City of Houston  
Sam Talje, P.E., TxDOT  
Catherine Elliott, HCFCF  
Tom Weber, P.E., TCEQ  
Linda Shead, P.E., Trust for Public Lands  
Claudia Hosch, US EPA Region 6  
11:45 to 12:30 Poster Session