

**TWENTY-SIXTH ANNUAL S•W•Q•M WORKSHOP**  
**December 4 – 6, 2012**  
**HOLIDAY INN EMERALD BEACH – CORPUS CHRISTI, TEXAS**

**Tuesday, December 4**

- 9:00 **Housekeeping and Introductions** – Anne Rogers, SWQM Team, TCEQ
- 9:20 **Welcome and Overview of the Status of the 2012 Integrated Report** – Andrew Sullivan, SWQM Team, TCEQ
- 9:40 **Hypoxia on the Texas Coast** – Dr. Paul Montagna and Kevin Nelson, Texas A&M Corpus Christi
- 10:10 **Drought Monitoring in Texas: Update of the Drought Monitoring Workgroup** – Bill Harrison, SWQM Team, TCEQ
- 10:40 **BREAK (10 MINUTES)**
- 10:50 **Aquatic Life Recovery Following Extended Drought** – Lythia Metzmeier, TCEQ Region 12, Houston
- 11:20 **Drought Affects in Texas River Basins and Updates to the Drought Monitoring Guidance: A Panel Discussion**
- 12:00 **LUNCH (1 hour)**
- 1:00 **Habitat Assessment in Wadeable Streams: A Refresher** – Anne Rogers, SWQM Program, TCEQ
- 1:30 **Salinity Monitoring and Real Time (SMART) Freshwater Inflow Management to Nueces Bay and Delta** – Jace Tunnell, Coastal Bend Bays and Estuary Program
- 2:00 **A Benthic Index for Tidal Streams** – Linda Broach, TCEQ, SWQM Program, Region 12, Houston
- 2:30 **BREAK (15 MINUTES)**
- 2:45 **Data Management Session:**
- Monitoring Type Codes
  - New Geospatial QA Guidance
  - Data Request Forms

- 3:45 **Seagrass – Vital Habitat for Texas** – Jennifer Bronson and Faye Grubbs Texas Parks and Wildlife Department
- 4:15 **Water Quality Monitoring in the Mission-Aransas NERR: Tales from the SWMP** – Rae Mooney, Mission-Aransas National Estuarine Research Reserve  
UT Marine Science Institute
- 4:45 **Aphid Honeydew and Water Quality Concerns** – Chuck Brown, Upper Colorado River Authority
- 5:15 **ADJOURN**

### **Wednesday, December 5**

- 9:00 **Relationships Between Measures of Turbidity and Urban Land Use in Coastal Waterbodies** – George Guillen, University of Houston – Clear Lake
- 9:30 **Special Updates and Quality Assurance:**
- SWQM Procedures Manuals Updates
  - Fish Tissue Advisory Updates
  - National Lakes Assessment and National Rivers and Streams Assessment Update
- 10:15 **BREAK (15 MINUTES)**
- 10:30 **Status of Texas' Coastal Plains Wetlands** – Dr. John Jacob, Texas Sea Grant and TexasAgriLife Extension
- 11:00 **Texas Surface Water Quality Standards Update** – Jason Godeaux, Water Quality Standards Team, TCEQ
- 11:30 **Split into two Teams and Depart for University of Texas Marine Science Institute in Port Aransas**
- 12:00 **Lunch and Field Sessions**

### **CONNECTING THE LAND AND THE SEA - COASTAL MONITORING FIELD TRIPS**

Everyone will depart for the University of Texas-Marine Science Institute on Mustang Island for a quick lunch and an afternoon of field activities that demonstrate monitoring techniques and help connect our freshwater and marine ecosystems.

- 5:00 **ADJOURN**

## **Thursday, December 6**

8:30 **A Tour of the Online Coordinated Monitoring Schedule** – Patricia Wise, Clean Rivers Program, TCEQ and David Cowan, Lower Colorado River Authority

9:00 **Nutrient Criteria Developments** – Jason Godeaux, Water Quality Standards Team, TCEQ

9:30 **The Galveston Bay Estuary Program** – Steven Johnson, Galveston Bay Estuary Program, TCEQ

10:00 **BREAK (15 MINUTES)**

10:15 **Texas Beach Watch Program** - Craig Davis, General Land Office

10:45 **How TMDLs Are Addressing Impaired Beaches in Texas** – Ron Stein, TMDL Program, TCEQ

11:15 **Blue Crab Recruitment Monitoring in the Mission-Aransas National Estuarine Research Reserve** – Dr. Zack Darnell, UT Marine Science Institute

11:45 **Water Quantity and It's Emerging Importance in Water Quality Monitoring** – Randy Rushin, Water Monitoring Solutions

12:15 **ADJOURN**