

**TWENTY-EIGHTH ANNUAL S•W•Q•M WORKSHOP**  
**October 28 – 29, 2014**  
**Mayan Ranch – Bandera, Texas**

**Tuesday, October 28**

- 8:00 **Welcome and Housekeeping** – Michele Blair, SWQM CO, TCEQ
- 8:10 **Welcome, Updates, and Introductions** – Andrew Sullivan/Patricia Wise, SWQM CO/Monitoring and Assessment Section, TCEQ
- 8:20 **Data Management** – Cathy Anderson/Kelly Rodibaugh/Camron Barati, DM&A, TCEQ
- General Updates/Announcements
  - The Data Game
- 9:00 **Mercury Cycling in Aquatic Systems**– Matt Chumchal, Texas Christian University
- 9:45 **Status of Aquatic Habitat in Texas** – Thom Hardy, The Meadows Center for Water and the Environment, Texas State University
- 10:25 **BREAK (15 MINUTES)**
- 10:40 **Status of Benthic Macroinvertebrates in Texas Waters** – Pete Diaz, U.S. Fish and Wildlife Service
- 11:20 **Status of Fishes in Texas Waters** – Tim Bonner, Dept. of Biology, Texas State University
- 12:00 **LUNCH**
- 1:15 Field Sessions**  
**We will all meet at the pavilion to split into groups for sessions to include:**
1. Boater recertification/safety
  2. Habitat
  3. Benthics (including mussels) Identification
  4. Fish Identification
- 5:00 **ADJOURN and IDAC**

**Tuesday – Special Evening Session**

- 7:30 – 9:00 SWQMIS Biological and Reports Training – Cathy Anderson, DM&A, TCEQ

## Wednesday, October 29

### 9:00 **Special Updates and Quality Assurance:**

- WAP Update – Laura Ryckman, Sarah Eagle, SWQM/CRP, TCEQ
- Procedures Manual Update – Robin Cypher, SWQM, TCEQ
- Water Quality Standards Update – Jason Godeaux, WQS, TCEQ
- Seagrass Monitoring in FY15 – Pat Bohannon, SWQM, TCEQ
- Sonde Maintenance Updates – Chuck Dvorsky, SWQM, TCEQ

9:45 **Lake O' the Pines and Big Cypress Creek Water Quality Trends** - Randy Rushin, Water Monitoring Solutions

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

10:30 **YSI - what's my sonde telling me and what's new** – Kyle Waits, YSI.

11:15 **HACH - what's my sonde telling me and what's new** – Erik Host-Steen, HACH

12:00 **Lunch**

1:15 **Desalination in North Texas** – Archis Grubh, TPWD

2:00 **Regionalized and Coastal Metrics Update** – Bill Harrison/Linda Broach, SWQM, TCEQ CO and Region 12

2:40 **BREAK (15 MINUTES)**

3:00 **SB2 Texas Instream Flows Program, Inception, Status, and Future** - George Gable, Resource Protection, TCEQ

3:30 **Nutrient Cycling in Aquatic Systems** – Weston Nowlin, Dept. of Biology, Texas State University

4:15 **Safe Monitoring from Texas Roadways and Bridges** – Milton Sunvison, USGS

5:00 **ADJOURN and EVALUATIONS**

Please remember to complete the Workshop Survey at:

<https://www.surveymonkey.com/s/JCBM6WP> (Example for your notes attached)

I will send an email reminder with the link next week.

Thank you everyone for coming and see you next year!