

**33rd ANNUAL SWQM WORKSHOP**  
**October 21-23, 2019**  
**Mayan Ranch, Bandera Texas**

**Tuesday, October 22**

- 9:00 **Welcome and Housekeeping** – Michele Blair, SWQM CO, TCEQ
- 9:15 **Welcome, Updates, and Introductions** – Andrew Sullivan/Kyle Girten, SWQM CO, Monitoring and Assessment Section, TCEQ
- 9:30 **Seven Reservoirs, 12 years of Data, Lots of Stats and 6 Questions Answered** – Mark Ernst, Tarrant Regional Water District
- 10:00 **BREAK**
- 10:15 **Water Quality Protection Surveys: Monitoring Trash and Litter in the Trinity River Basin** – Angela Kilpatrick, Trinity River Authority
- 10:45 **Field Session Instructions** – Sarah Whitley, SWQM CO, TCEQ
- 11:00 **Introduction to Wilderness Safety** – Kevin Reiter, Wilderness Safety Institute
- 12:00 **LUNCH**
- 1:00 **Field Sessions – Sarah Whitley (Lauren Pulliam Assisting)**  
**We will convene at the Medina River for sessions to include:**
1. Wilderness Encounters—Snake, insect, and animal bites
  2. Weather Events—Floods, Extreme Temperatures, Storms
  3. Injuries—Basic Wilderness First Aid, Injuries, Unresponsiveness
- 5:30 **ADJOURN**

**Special Evening Session**

- 7:45 – 9:00 **SWQMIS Training** – Data Management and Analysis, TCEQ, Round-up Room (in registration building)

## Wednesday, October 23

- 8:30 **North Concho Urban Runoff Assessment/Best Management Practices Effectiveness** – Chuck Brown, Upper Colorado River Authority
- 9:00 **Inland fishes of Texas: taxonomic updates, conservation status, and threats** – Timothy Bonner, Texas State University
- 9:30 **Field and laboratory method comparisons and remote sensing of HABs and cyanoHABs** – Chris Churchill, US Geological Survey
- 10:00 **BREAK**
- 10:15 **Data Management** – Cathy Anderson, Data Management & Analysis, TCEQ
- General Updates/Announcements
  - SWQMIS Updates
- 10:45 **Special Updates and Quality Assurance:**
- Procedures Manual – Robin Cypher/Lauren Pulliam, SWQM CO, TCEQ
  - Biological Sampling, Metrics, TCEQ/TPWD Interagency Biological Monitoring Workgroup Updates – Bill Harrison/Lauren Pulliam, SWQM CO, TCEQ
  - Mussels – Lauren Pulliam, SWQM CO, TCEQ
  - Equipment Best Practices – Chuck Dvorsky, SWQM CO, TCEQ
- 11:30 **From Pristine to Severely Degraded: Spatial Assessment of Texas Tidal Streams** – Jim Tolan, Texas Parks and Wildlife Department
- 12:00 **Lunch**
- 1:00 **Boater Refresher Workshop: Vessel Basics, Required Equipment, Emergencies** – Pat Bohannon
- 2:00 **ADJOURN or Initial Demonstration of Capability for Regions**

Please remember to complete the Workshop Survey. I will send an email reminder with the link next week.

Thank you everyone for coming and see you next year but hopefully before then!

# SWQM Workshop 2019

## Pocket Schedule

### **Mayan Grub Hours:**

Breakfast – 7:00-9:00

Lunch – noon-1

Dinner – 6:30-7:30

### **Daily Activities:**

#### Monday

1-3:30 PM – SWQM only general session in the Mayan Conference Center

2:00-3:30 PM – Special CRP session in the Round-Up Room

3:40-5 PM – Routine Sampling 101 (field, water, flow) at the Medina River

5:15 PM – SWQM FOD Committee Meeting in the Round-Up Room

6:30-7:30 PM – Dinner at the pavilion\*

#### Tuesday

7:00-9 AM – Breakfast in the dining hall

9:00-Noon – General session in the Mayan Conference Center

Noon-12:30 PM – Lunch at the pavilion

1-5:30 PM – Field sessions at Medina River

6:30-7:30 PM – Dinner at Hicksville\*

7:00-8:30 PM – Optional Fish Identification in the Dining Hall

7:45-9 PM – Optional special SWQMIS Training in the Round-Up Room

#### Wednesday

7:00-8:30 AM – Breakfast in the dining hall

8:30-Noon – General session in the Mayan Conference Center

Noon-1 PM – Lunch at the pavilion\*

1-3:30 PM – General session in Mayan Conference Center

### **General:**

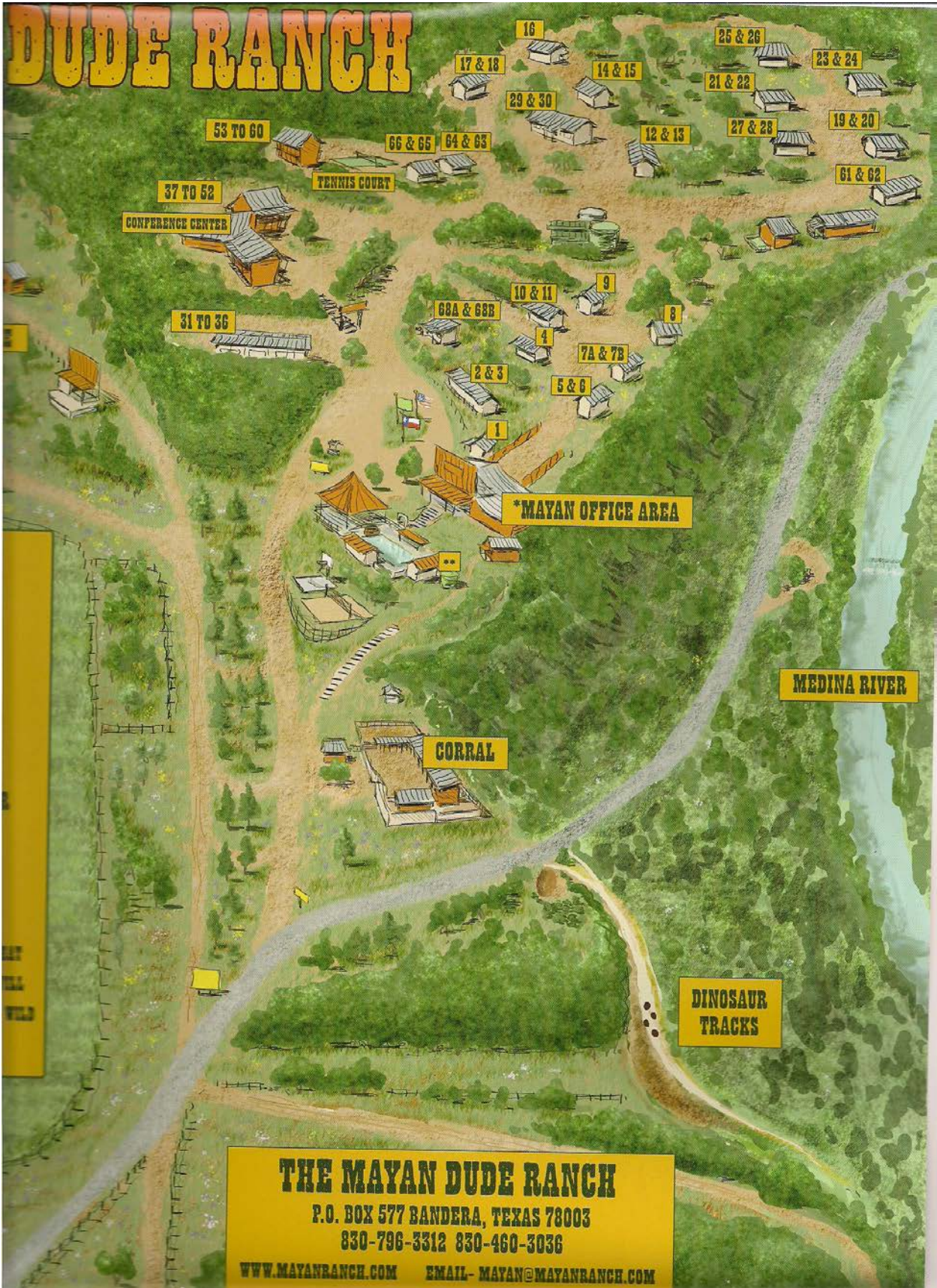
\*Subject to change due to weather.

Information can be found at: <http://www.mayanranch.com/> Consult the front desk for more information if interested.

Please drive slowly and enjoy quietly. Keep in mind this is also home to the family.



# DUDE RANCH



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