

**31ST ANNUAL SWQM WORKSHOP**  
**November 7-8, 2017**  
**Mayan Ranch – Bandera, Texas**

**Tuesday, November 7**

- 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
- 9:25 **EPA’s National Aquatic Resource Surveys with an emphasis on findings from the 2012 National Lakes Assessment** – Rob Cook, EPA
- 10:00 **BREAK**
- 10:15 **USGS Zebra Mussel Monitoring Program in Texas - Salient results**  
– Christopher Churchill, USGS
- 10:45 **Assessment of Field and Laboratory Methods for the Detection and Analyses of Cyanobacteria/Cyanotoxins in Texas** – Christopher Churchill, USGS
- 11:15 **Medina Lake Past, Present, and Future** – Levi Sparks, Bandera County River Authority and Groundwater District
- 11:45 **Field Session Instructions** – Lauren Pulliam, SWQM CO, TCEQ
- 12:00 **LUNCH**
- 1:00 **Field Sessions – Lauren Pulliam**  
**We will convene at Medina Lake for sessions to include:**
1. Routine Reservoir Sampling – Levi Sparks, Bandera County River Authority and Groundwater District
  2. Reservoir Ecology and Littoral Zones, Mark Ernst, Tarrant Regional Water District/Rob Cook, EPA
  3. Boats and Invasives-Best Practices – Monica McGarrity, TPWD
- 5:30 **ADJOURN and Head back to the Ranch**

**Special Evening Session**

- 7:45 – 9:00 SWQMIS Training – Data Management and Analysis, TCEQ  
7:00 – 8:30 Mussel ID Training – SWQM, TCEQ

## **Wednesday, November 8**

### **8:30 Special Updates and Quality Assurance:**

- Seagrass Update – Pat Bohannon, SWQM CO, TCEQ
- Biological Sampling, Metrics, TCEQ/TPWD Interagency Biological Monitoring Workgroup Updates – Bill Harrison/Lauren Pulliam, SWQM CO, TCEQ
- Equipment Update – Chuck Dvorsky, SWQM CO, TCEQ
- Procedures Manual Chapter 8 Update – Andrew Sullivan, SWQM CO, TCEQ

### **9:20 Data Management – Cathy Anderson, Data Management & Analysis, TCEQ**

- General Updates/Announcements
- SWQMIS Updates

### **10:00 BREAK**

### **10:15 The CWQMN Evolution – Chuck Dvorsky, SWQM CO, TCEQ**

### **10:45 Instream Uses – Trinity Study Hydrology – Webster Mangum, Trinity River Authority Instream Uses – Trinity Study Biology – Gordon Linam, TPWD**

### **12:00 Lunch**

### **1:00 Least Disturbed Streams – Lauren Pulliam, SWQM CO/Stephen Curtis, TPWD/Rob Cook, EPA**

### **1:40 Aquifer Storage and Recovery: Its State in the State – Matt Webb, Water Development Board**

### **2:20 Eels in Freshwater Systems – Dean Hendrickson, University of Texas**

### **3:00 ADJOURN**

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!

# SWQM Workshop 2017

## Helpful Information

### **Mayan Grub Hours:**

Breakfast – 7:00-9:00

Lunch – noon-1

Dinner 6:30-7:30

### **Daily Activities:**

Monday

1-5 PM – SWQM only general session in the Mayan Conference Center

2:30-4 PM – Special CRP session in the Round-Up Room

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 or pack it to the lake

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

6:30-7:30 PM – Dinner at Hicksville\*

7:00-8:30 PM – Optional Mussel 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:**

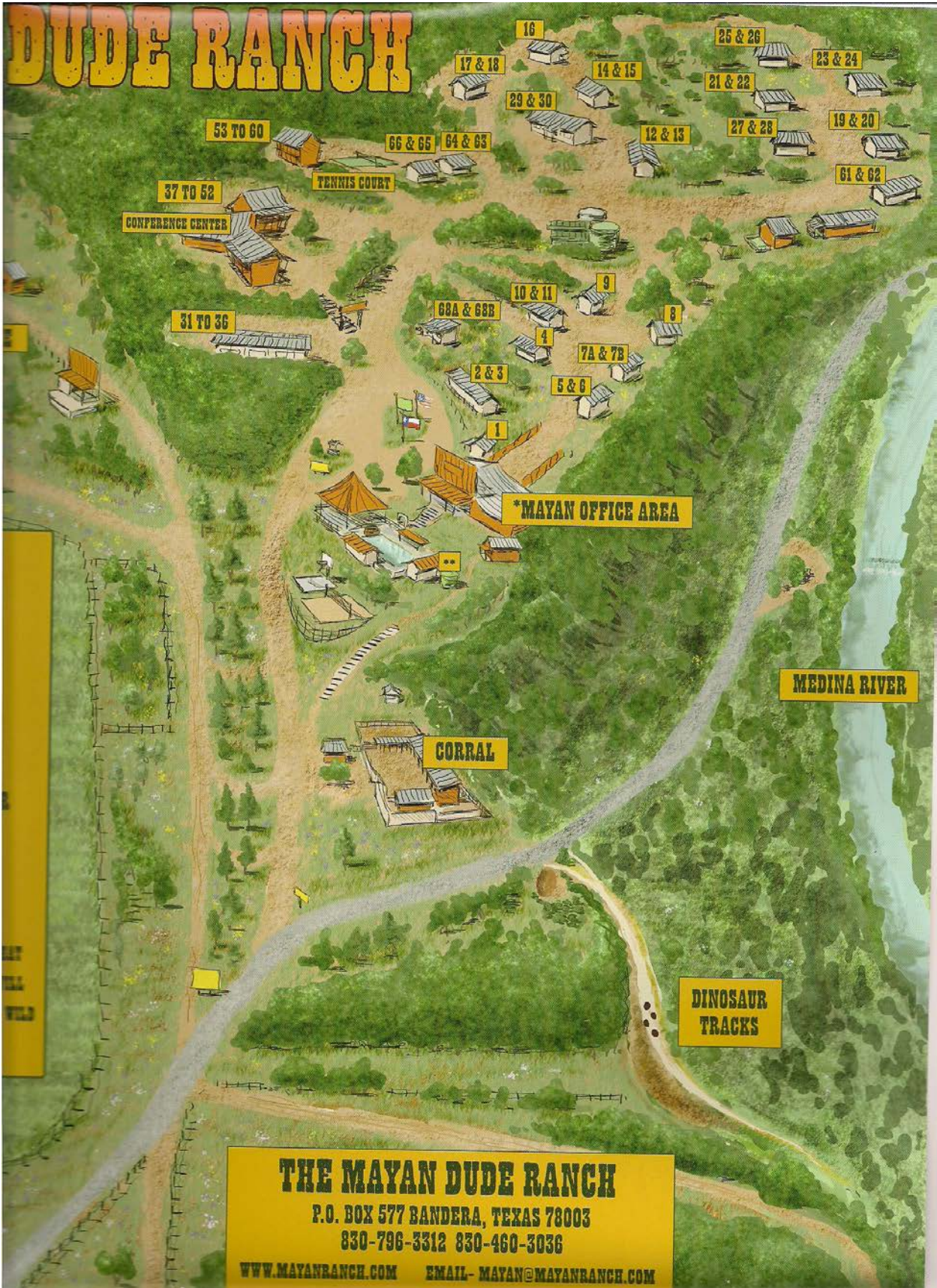
\*Subject to change due to weather.

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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