

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

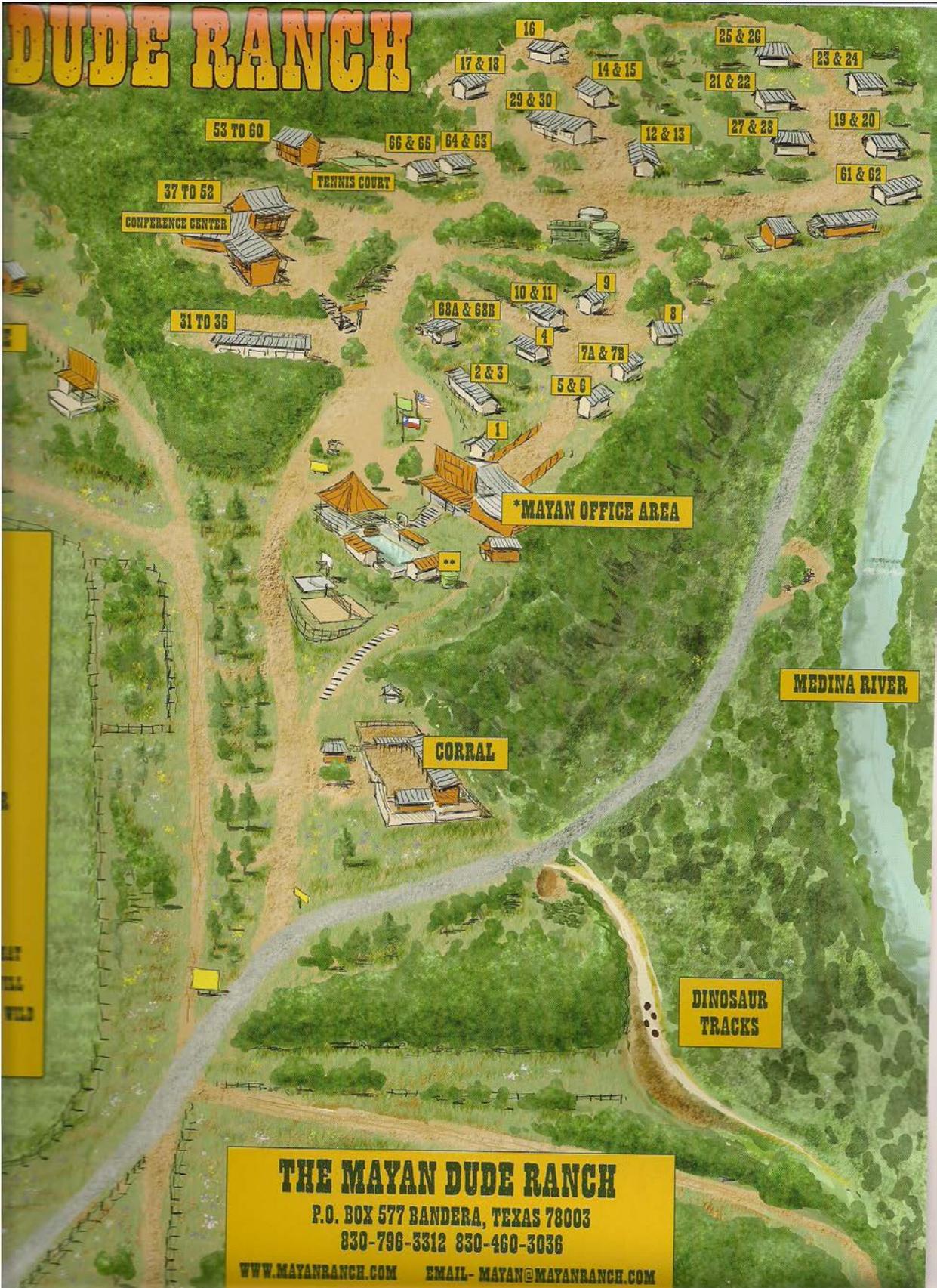
General:

*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



THE MAYAN DUDE RANCH
P.O. BOX 577 BANDERA, TEXAS 78003
830-796-3312 830-460-3036
WWW.MAYANRANCH.COM EMAIL- MAYAN@MAYANRANCH.COM