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*

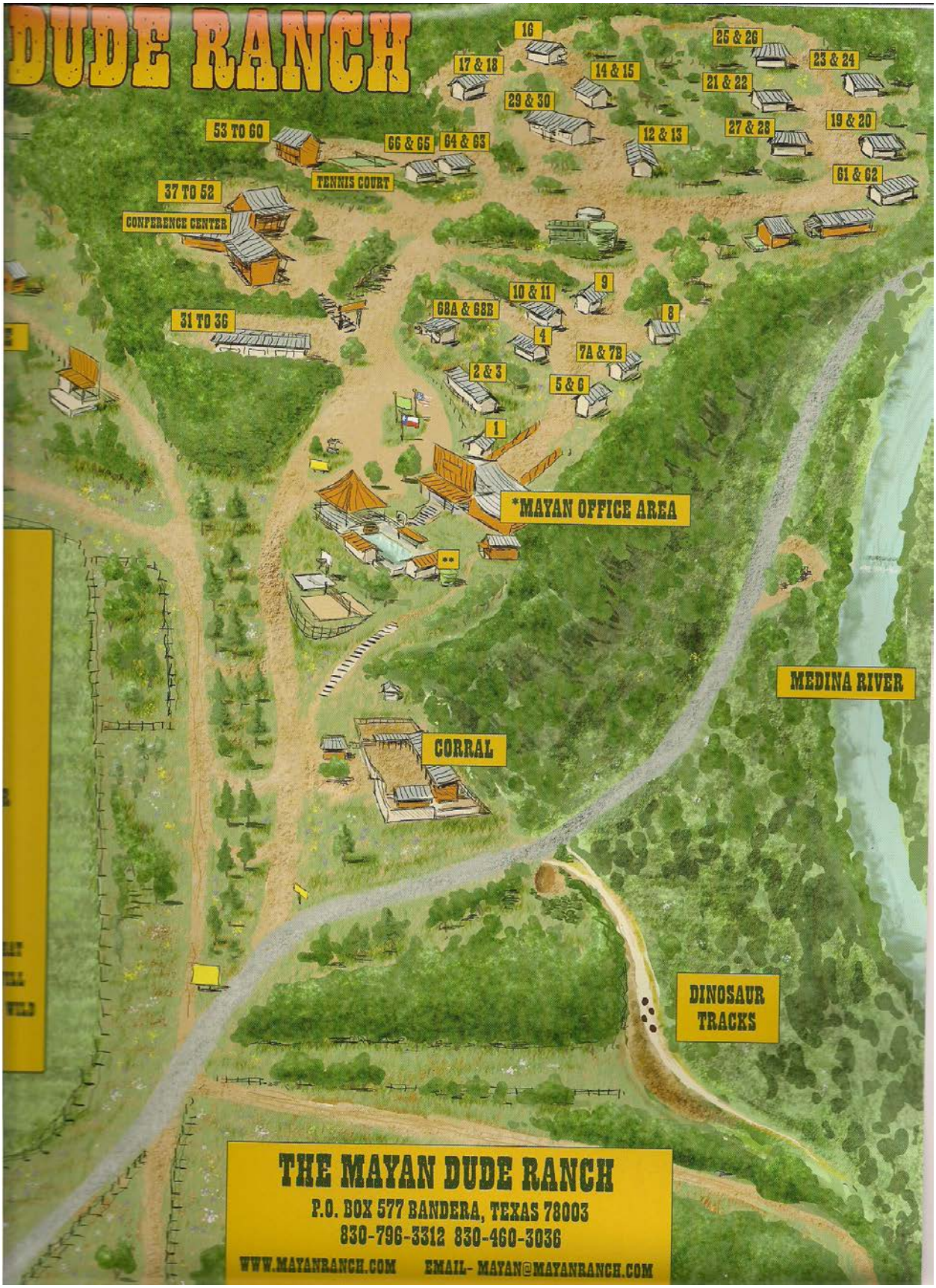
1-3:30 PM – General session in Mayan Conference Center

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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17 & 18
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21 & 22
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19 & 20
27 & 28
12 & 13
53 TO 60
66 & 65
64 & 63
TENNIS COURT
61 & 62
37 TO 52
CONFERENCE CENTER
9
10 & 11
68A & 68B
8
31 TO 36
4
7A & 7B
2 & 3
5 & 6
1
*MAYAN OFFICE AREA
MEDINA RIVER
CORRAL
DINOSAUR TRACKS
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