

32nd ANNUAL SWQM WORKSHOP
November 12-14, 2018
MO Ranch – Hunt, Texas

Tuesday, November 13

- 8:30 **Welcome and Housekeeping** – Michele Blair, SWQM CO, TCEQ
- 8:40 **Welcome, Updates, and Introductions** – Andrew Sullivan/Kyle Girten, SWQM CO, Monitoring and Assessment Section, TCEQ
- 8:50 **Using your River’s unique wonders to inspire stewardship in others** – Nicholas Cowey, LCRA
- 9:50 **BREAK**
- 10:05 **Making Sense of Algae Sensors** – Stephanie Smith, YSI
- 10:45 **Field Session Instructions** – Sarah Whitley, SWQM CO, TCEQ
- 11:00 **Flow Tracker 2 or EXO Help or Natural History Walk or IDC** – Kevin Labbe and Stephanie Smith, YSI/Randy Rushin, Water Monitoring Solutions/Nicholas Cowey, LCRA/SMEs
- 12:00 **LUNCH**
- 1:00 **Field Sessions – Sarah Whitley (Lauren Pulliam Assisting)**
We will convene at the Guadalupe River for sessions to include:
1. Algae Monitoring and Periphyton (Pavilion at low water dam) – Stephanie Smith, YSI and Mandi Gordon Environmental Institute of Houston, University of Houston Clear Lake
 2. Fish Sampling (Floating dock) – Gordon Linam/Stephen Curtis/Marty Kelly, Texas Parks and Wildlife
 3. Flow Strategies (Low water bridge) – Kevin Labbe/Randy Rushin, YSI and Water Monitoring Solutions
- 5:30 **ADJOURN**

Special Evening Session

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

Wednesday, November 14

8:45 **Current Research to Assess the Status of American Eel in Gulf Coast Drainages of Texas**
– Stephen Curtis, TPWD

9:05 **Freshwater Mussel Community Response to a New Industrial Discharge** – Adam Whisenant, TPWD

9:25 **Data Management** – Cathy Anderson, Data Management & Analysis, TCEQ

- General Updates/Announcements
- SWQMIS Updates

10:00 **BREAK**

10:15 **Special Updates and Quality Assurance:**

- Addressing flow in the Integrated Report – Pat Bohannon, 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 – Chuck Dvorsky, SWQM CO, TCEQ
- Procedures Manual – Robin Cypher/Lauren Pulliam, SWQM CO, TCEQ

11:15 **National Aquatic Resource Surveys – Monitoring Our State** – Mandi Gordon, Environmental Institute of Houston, University of Houston Clear Lake

12:00 **Lunch**

1:00 **Collecting Data Electronically, aka Keeping QA Staff Bored** – Doug Knabe, San Antonio River Authority

1:40 **Flow and Harmful Algal Blooms: Lessons Learned from Golden Algae** – Dr. James P. Grover, University of Texas at Arlington

2:20 **Sediment Sampling on the Trinity River: On the Hunt for PCBs, Dioxins and Furans** – Angela Kilpatrick, Trinity River Authority

2:40 **Hurricane Harvey: Experiences and Recovery** – Joe Parish, Lower Neches Valley Authority

3:00 **ADJOURN or Continue IDC 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!

SWQM Workshop 2018

Pocket Schedule

MO Grub Hours:

Breakfast – 7:30-8:30

Lunch – 11:30-1

Dinner – 5:30-7:00

Daily Activities:

Monday

1-5 PM – SWQM only general session in the Grace Room

2:30-4 PM – Special CRP session in the Manor House Meeting Room

5:15-6 PM – SWQM FOD Committee Meeting in the lounge near the Grace Room

6:00-7:00 PM – Dinner at the King Dining Hall

Tuesday

7:30-8:30 AM – Breakfast in the King Dining Hall

9:00-Noon – General session in the Main Auditorium

Noon-1:00 PM – Lunch at the King Dining Hall

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

6:30-7:30 PM – Dinner at Pecan Grove*

7:45-9 PM – Optional special SWQMIS Training in the Troll Room (registration building)

Wednesday

7:00-8:30 AM – Breakfast in the King Dining Hall

8:30-Noon – General session in the Main Auditorium

Noon-1 PM – Lunch at the King Dining Hall

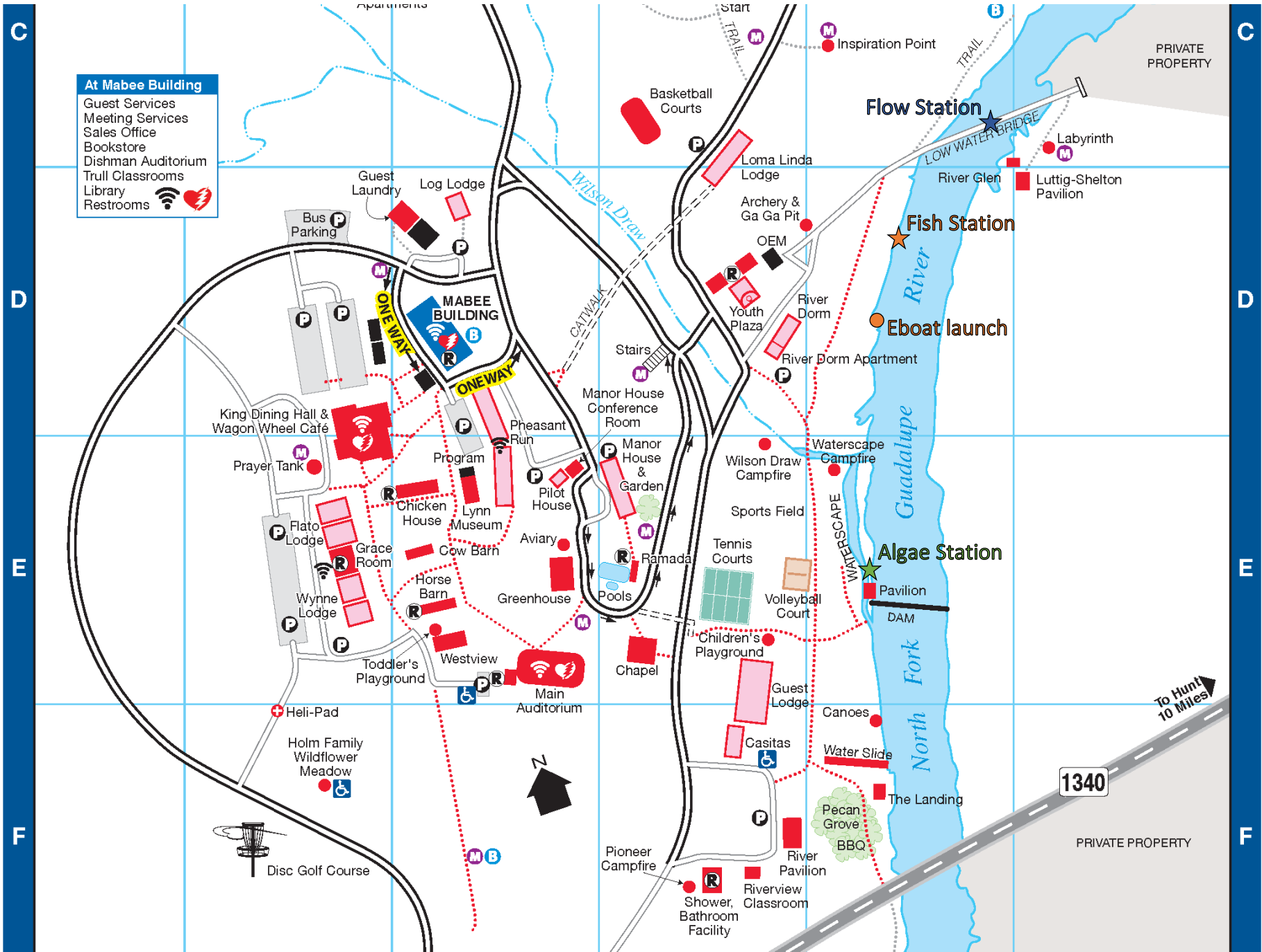
1-3:00 PM – General session in Main Auditorium

General:

*Subject to change due to weather.

Information can be found at: <https://www.moranch.org/>
Consult the front desk for more information if interested.

Please drive slowly and enjoy quietly.



- At Mabee Building**
- Guest Services
 - Meeting Services
 - Sales Office
 - Bookstore
 - Dishman Auditorium
 - Trull Classrooms
 - Library
 - Restrooms



King Dining Hall & Wagon Wheel Café

Prayer Tank

Flato Lodge

Grace Room

Wynne Lodge

Horse Barn

Toddler's Playground

Heli-Pad

Holm Family Wildflower Meadow



Disc Golf Course

Guest Laundry

Log Lodge

MABEE BUILDING

Program

Chicken House

Lynn Museum

Cow Barn

Aviary

Greenhouse

Westview

Main Auditorium

Pheasant Run

Pilot House

Manor House & Garden

Ramada

Pools

Chapel

Manor House Conference Room

Stairs

Wilson Draw Campfire

Sports Field

Tennis Courts

Volleyball Court

Children's Playground

Guest Lodge

Casitas

Pioneer Campfire

Basketball Courts

Loma Linda Lodge

Archery & Ga Ga Pit

OEM

Youth Plaza

River Dorm

River Dorm Apartment

Wilson Draw Campfire

Sports Field

Tennis Courts

Volleyball Court

Children's Playground

Guest Lodge

Casitas

Pioneer Campfire

Shower, Bathroom Facility

Riverview Classroom

River Pavilion

Pecan Grove BBQ

The Landing

Water Slide

Canoes

Guest Lodge

Casitas

Pioneer Campfire

Flow Station

Fish Station

Eboat launch

Algae Station

Pavilion

DAM

Water Slide

The Landing

Canoes

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