

## **USIBWC Floodway Watershed Planning Project**

### **Key Stakeholder Meeting:**

**November 10, 2021**

**12:00 Noon**

#### **1. Attendees**

2. Andrew Ernest-UTRGV/RATES
3. Linda Isabel Navarro-RATES
4. Christopher Fuller-RATES
5. Tushar Sinha Texas-A&M
6. Carlos A. Sanchez -City of Harlingen
7. Deanna Levrier-RATES
8. Derek Katznelson-LRGVDC
9. Ernesto Solis-City of Alamo
10. Megan Meidel-City of Primera
11. Augusto Sanchez-Cameron County

#### **2. Call meeting to order**

Andrew Ernest started the meeting at 12:00 p.m.

#### **3. Introduction**

Andrew Ernest- Welcomed everyone, gave an introduction and asked attendees to introduce themselves.

#### **4. Hidalgo/Willacy Main Drain Watershed Planning Project**

\*Linda Navarro- Presented water quality data collected from 2011 to 2019, Flow data from 2011-2021, and stations where data is being collected. Her study found higher loads of Bacteria, Nitrate and Nitrate and other nutrients.

\*Linda Navarro- Presented two watershed delineations conducted using ArcMap and QGIS, as well as, explaining all the process to obtain them: recondition of LiDAR data for more accuracy and QGIS tools that led to obtain a total of 6 primary watersheds and other 191 sub-basins. Finally, she proposed the identification of new places to install RTHS stations within the region.

#### **5. CMP-27 Hydrodynamic Characterization of Lower Laguna Madre**

\*Christopher Fuller- Gave an overview of the project taking place at LLM making emphasis on future quarterly monitoring events where water quality and flow will be measured.

\*Augusto A Sanchez- Agreed with Christopher Fuller that important efforts are taking place over LRGV.

## **6. Open Discussion**

\*Andrew Ernest- Mentioned that now that this phase is concluded, it is necessary to discuss and take a decision to move to the next step on terms of ensuring water quality in the area by developing a Watershed Protection Plan.

Andrew Ernest- Questions or comments of the audience?

Carlos A Sanchez asked if data collected by the RTHS stations was available online.

Christopher Fuller answered: A more specific website for the TWDB stations can be found at <http://rths.us/twdb.cgi>

Carlos A Sanchez congratulated Linda Navarro for the presentation

Tushar Sinha mentioned that makes sense to take it to the next level to improve the Water Quality in the area.