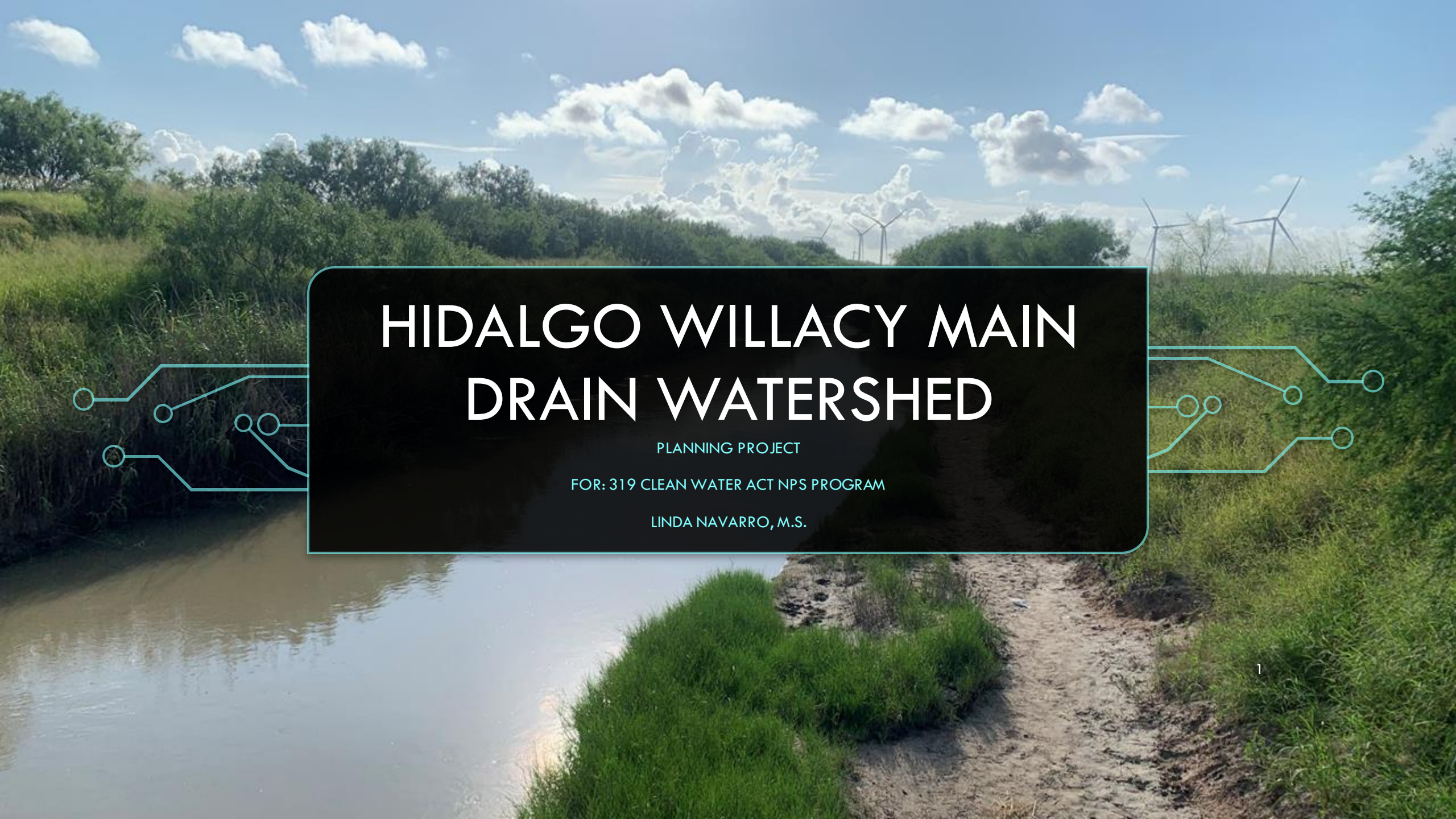




HIDALGO WILLACY MAIN DRAIN WATERSHED

PLANNING PROJECT

FOR: 319 CLEAN WATER ACT NPS PROGRAM

LINDA NAVARRO, M.S.

CURRENT DATA

Clean River Program; Surface Water Quality Monitoring (SWQMIS) (TCEQ)

- Flow Data (2017- 2019)
- Water Quality (2017-2019)
- 8 Samples

GIS

- Arc-GIS: North and Central Watershed Delineation
- QGIS: Updated Watershed Delineation

Status

- Texas Integrated Report 2020

FLOW DATA

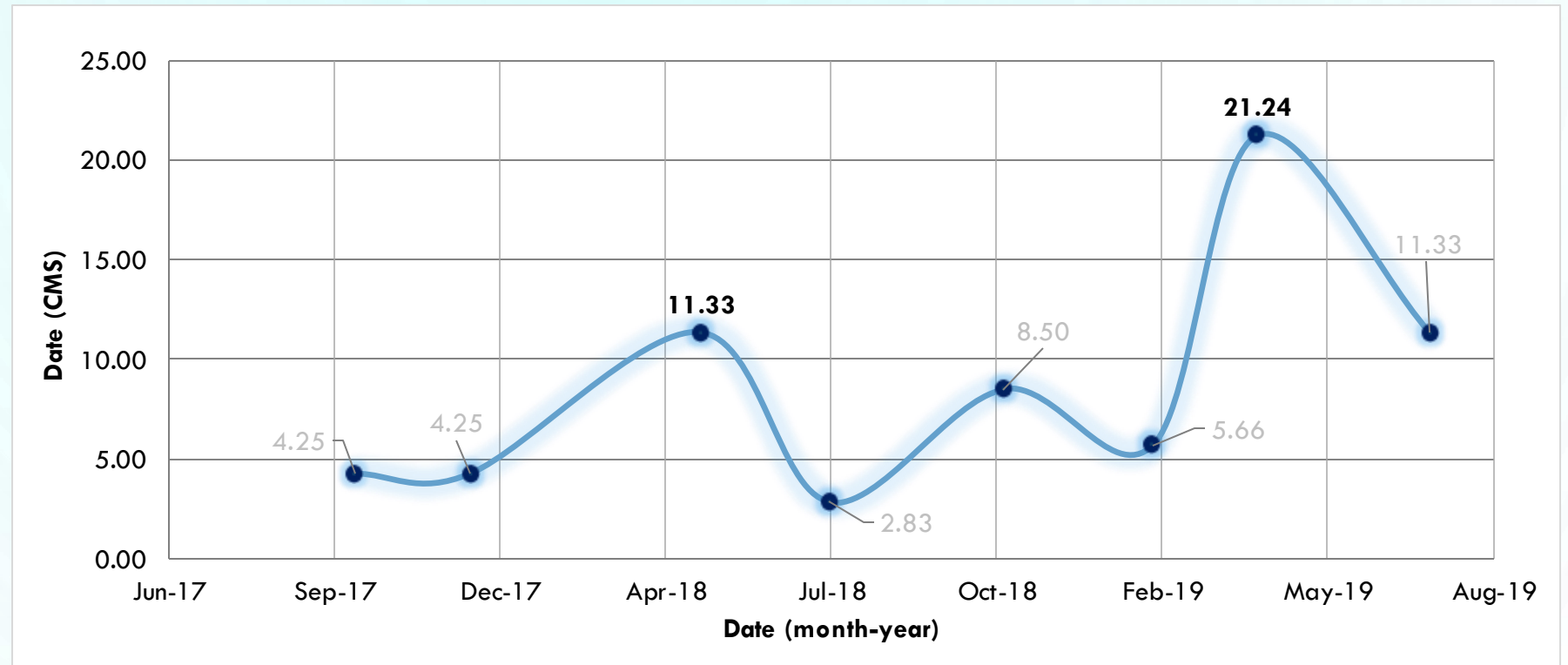


Figure 1: Flow Data for Hidalgo Willacy Main Drain (HWMD) Waterway (Station 22003)
Source: SQWMIS

FLOW DATA DISTRIBUTION

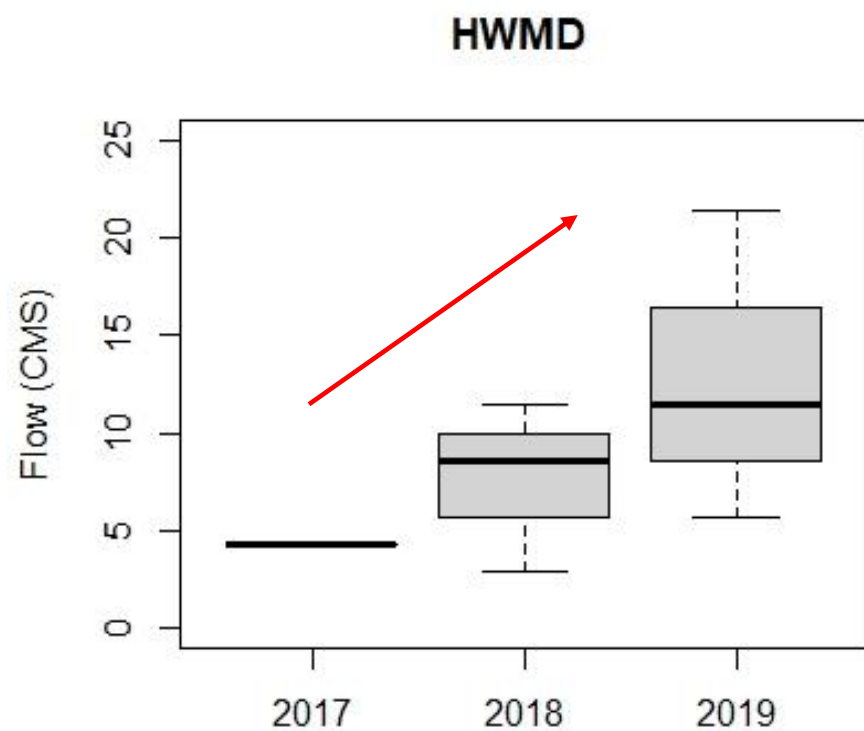


Figure 2 : Flow Data Distribution for Hidalgo Willacy Main Drain Waterway (Station 22003)

	Flow (CMS)
Median	7.1
Mean	8.8
Min	2.9
Max	21.4

WATER QUALITY

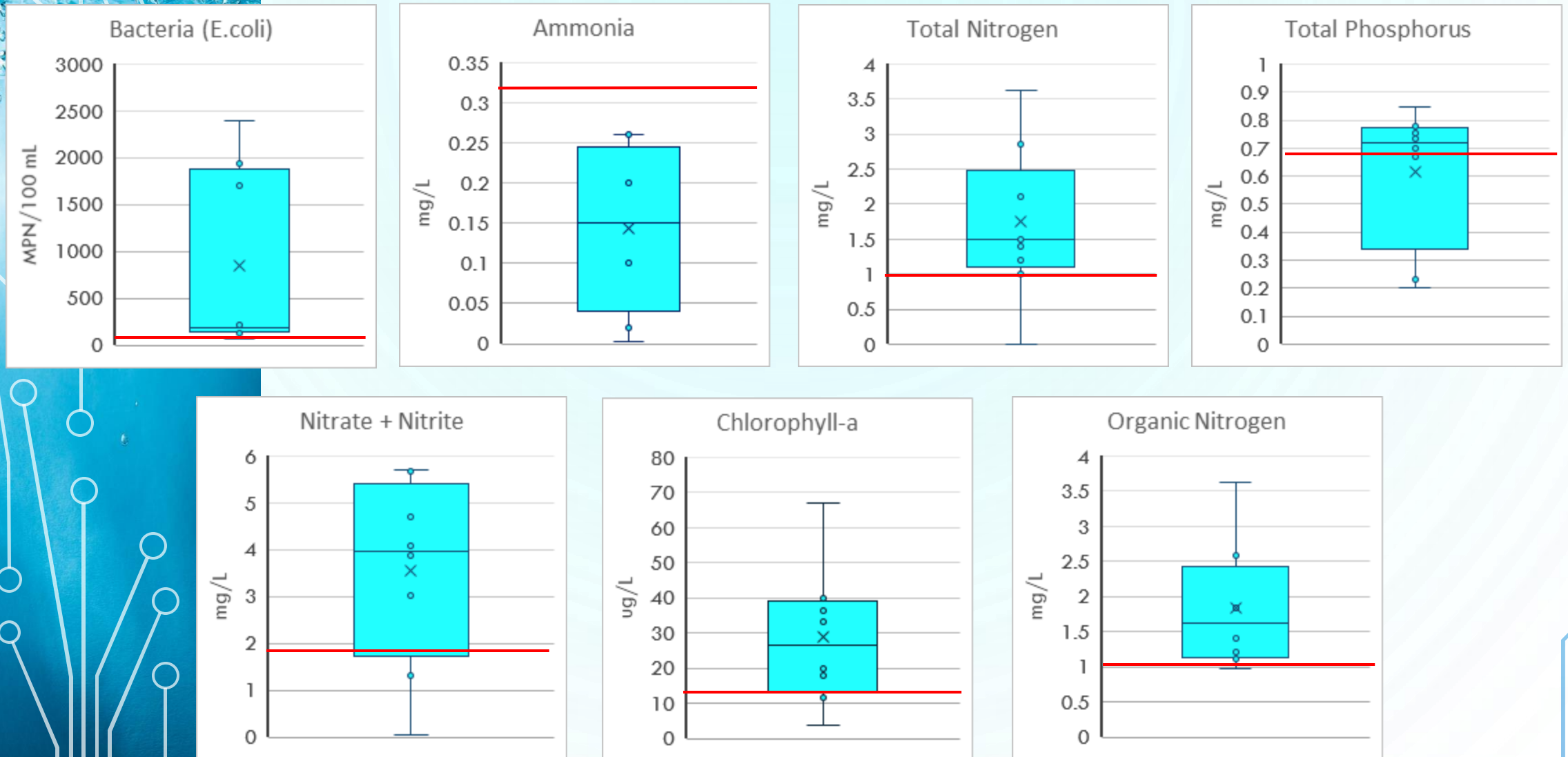
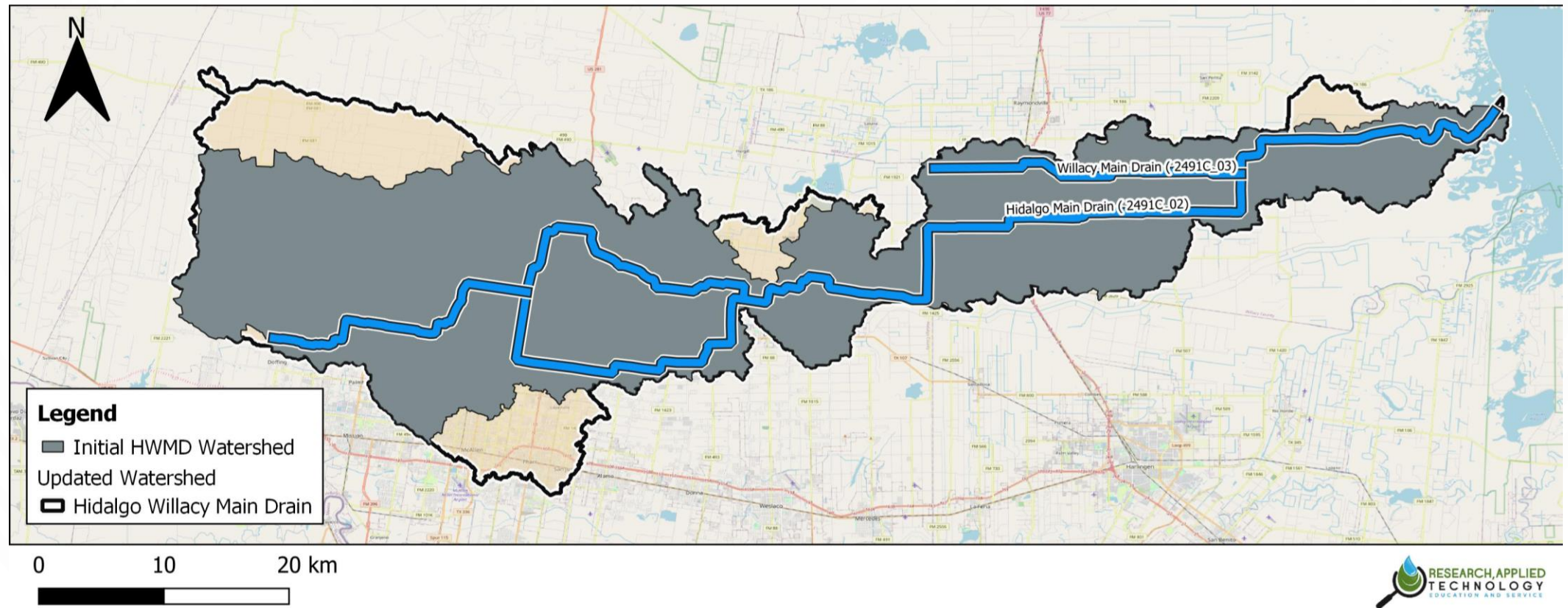
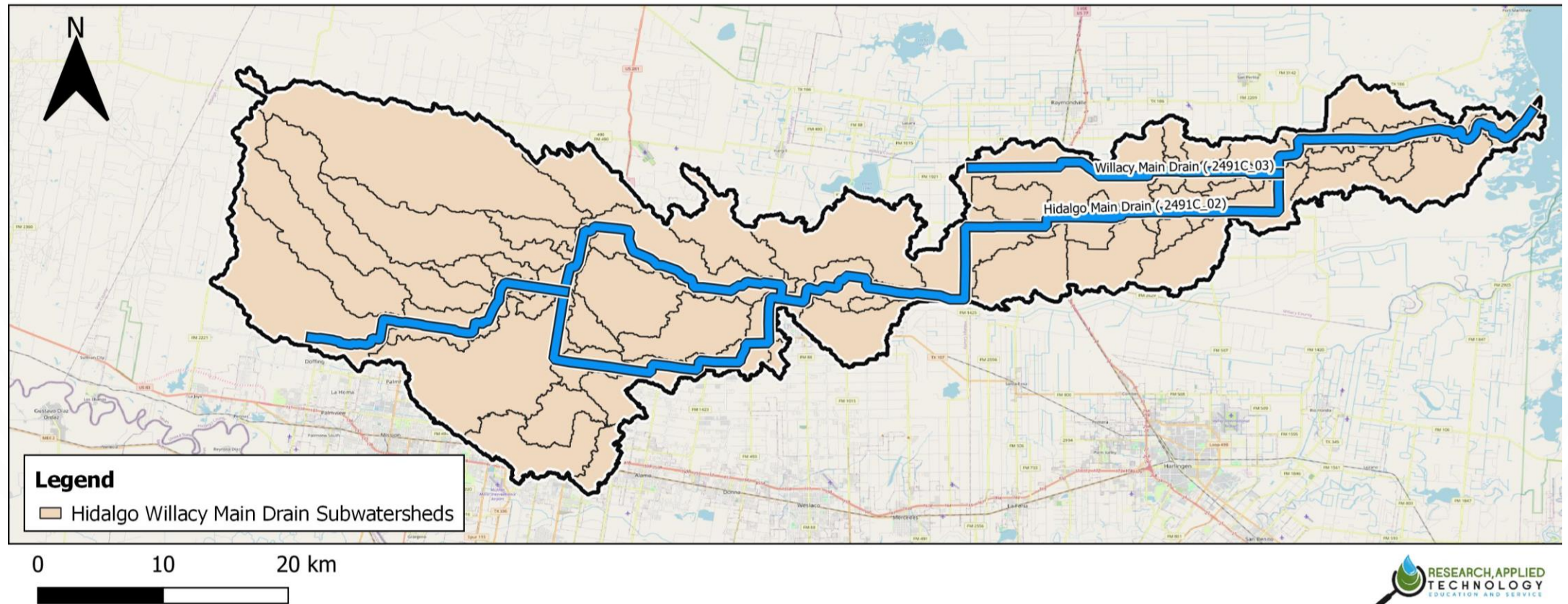


Figure 3: Water Quality Data for Hidalgo Willacy Main Drain (HWMD) Waterway (Station 22003)

INITIAL WATERSHED DELINEATION



UPDATED WATERSHED DELINEATION





CURRENT AND FUTURE EFFORTS

- RTHS within the Hidalgo Willacy Main Drain Waterway.
 - Fresh Water Flows – TWDB #2
 - <http://rths.us/twdb.cgi#12/26.5000/-97.6500>
- Sampling Event soon.