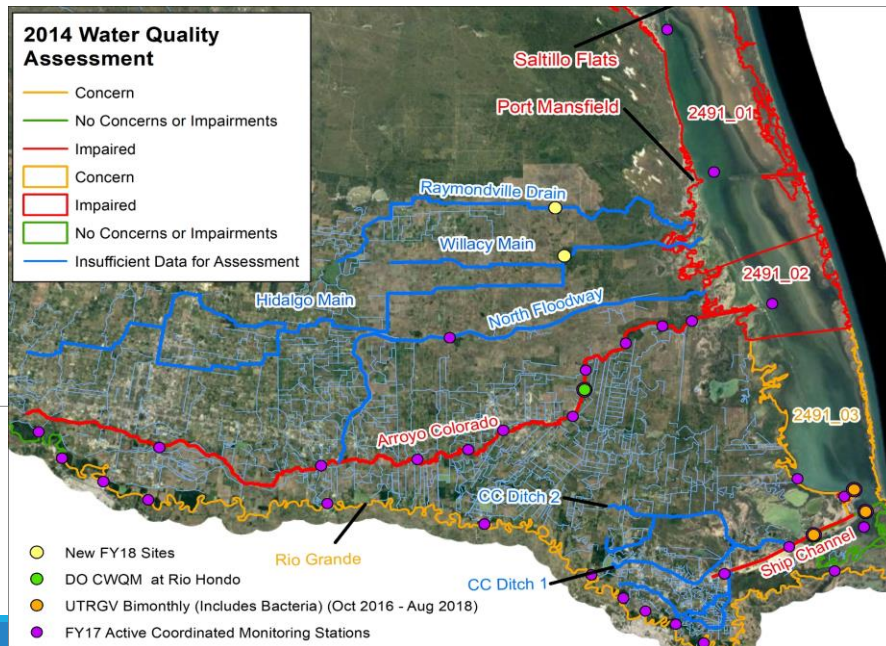


Raymondville Drain Watershed Protection Plan Steering Committee Meeting

TCEQ CWA § 319(h)

Grant Scope of Work Overview



Background

- The Raymondville Drain and the Hidalgo Main, the IBWC pilot channel (IBWC North Floodway) flow into the **Lower Laguna Madre** which is **impaired** for low **DO** and **bacteria**.
- The **Raymondville Drain** collects **stormwater runoff** and return flows from subwatershed with predominant **agriculture activity** (Non-point source Pollution).
- There is a **lack of water quality data** collection within the target region and limited data has been collected

3

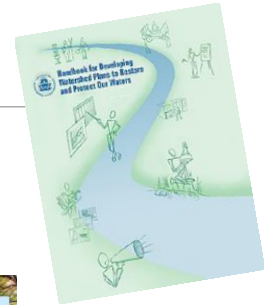
Project Description

- The major sub-watersheds must be **characterized** to identify potential **causes** and **sources** of impairments.
- This project will identify **existing data** and identify **data gaps** for characterization as well as identify a path forward by selecting an analytical method for **estimating pollutant loads**

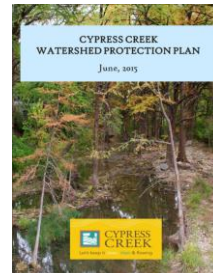
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Watershed Protection Plans

Meets the Nine Elements listed in EPA's
*Handbook for Developing Watershed
Plans*



Restoration



Protection

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EPA's 9-Elements

A - Identify causes and sources of pollution

B - Estimate pollutant loading into the watershed and the expected load reductions

C - Describe management measures that will achieve load reductions and targeted critical areas

D - Estimate amounts of technical and financial assistance and the relevant authorities needed to implement the plan

E - Develop an information/education component

F - Develop a project schedule

G - Describe the interim, measurable milestones

H - Identify indicators to measure progress

I - Develop a monitoring component

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Project Goals

Goal	Measure of Success
Partial development of Element A and initiation of Element E of EPA's Nine Elements for WBPs found in the Handbook for Developing Watershed Plans to Restore and Protect our Waters.	Completion of Watershed Characterization – Data Evaluation Report and approval from TCEQ PM.
Engage stakeholders to provide input for the development of a Strategic Plan moving forward based on information presented from the Watershed Characterization.	Formation of Stakeholders workgroups. List of next steps for watershed-based planning in the Partnership Coordination Report.

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Task 1: Project Administration

QPRs

Coordination meeting with EPA (upon request)

Annual Report article and pictures (upon request)

Contract Budget updates

Annual Budget updates

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Task 2: Quality Assurance

QAPP Planning Meeting notes

Draft and Final QAPP

QAPP Annual Reviews and Revisions

Draft and Final QAPP Amendments

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Task 3: Watershed Characterization – Data Evaluation and Analysis

Summary of existing data and information

Cyberinfrastructure establishment and database development

Interim Existing Data and Information Analysis Report

Draft and Final Watershed Characterization and Next Steps Report

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Task 4: Partnership Coordination

Public Participation Plan

Documentation of key stakeholder meetings, including agendas, presentations, and sign in sheets, minimum of three per quarter

Draft and Final Partnership Coordination Report

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Task 5: Final Report

Draft Final Report

Address TCEQ/EPA comments

Final Report

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1- **Raymondville Drain Watershed Protection Plan** - Includes region above the Hidalgo/Willacy Floodway northern watershed boundary to the northern LRGV County limits, and from the Starr County border to the Laguna Madre.

1. Chair Eduardo Gonzalez, Willacy County Commissioner
2. Vice Chair Jose Hinojosa, SCID#15
3. Ellie Torres, Hidalgo County Commissioner
4. Mardoqueo Hinojosa, P.E. City of Edinburg
5. Andrew Ernest, Ph.D., P.E., UTRGV
6. Marcie Oveido, LRGVDC
7. Kim Jones, P.E., TAMUK
8. Javier Guerrero, UTRGV
9. Member TBD
10. Member TBD
11. Member TBD

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2- **Hidalgo/Willacy Floodway** Watershed Protection Plan - Includes region above the Arroyo Colorado to the south watershed boundary of the Raymondville Drain, and from the Starr County border to the Laguna Madre

3- **USIBWC Pilot Channel/Floodway** Watershed Protection Plan - From the Rio Grande River region, including regions not included in the Arroyo watershed, along the Rio Grande River continuing north and then east to the Laguna Madre.

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Questions?

Texas Commission on Environmental Quality (TCEQ) Clean Water Act (CWA) Section 319(h) Nonpoint Source

(NPS) Grant Program through UTRGV,

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Co-PI: Javier Guerrero, M.S., E.I.T.

Watershed Coordinator: Ahmed Mahmoud, Ph.D.

UTRGV Technical and admin support:

Chair: Ahmed Mahmoud, UTRGV

Andrew Ernest, P.E., UTRGV

Abdoul Oubeidillah, UTRGV

TBD

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Administration:

Javier Guerrero, UTRGV

Deanna Gomez, UTRGV

Augusto Sanchez Gonzalez, Cameron County/UTRGV