



Arroyo Colorado WPP Implementation Update

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Watershed Coordinator Update

- Jaime Flores left after 15 yrs in the role
- In process of refilling position
 - Will be located in Weslaco
 - Interviewing applicants now
 - Goal is to have on-board by mid-summer
- Primarily tasked with continued WPP Implementation
- Supports water related research across the Valley
- Will announce new coordinator via newsletter when hired

Active Arroyo WPP Implementation Projects

Ag Education & Outreach Implementation

- Landowner Education & Outreach to Increase Program Participation
- Support and Facilitation of WPP Implementation

WPP Implementation – OSSF Inventory, NPS Education & Coastal Stormwater BMP/LID Installation

- OSSF Geodatabase and Inventory Update
- Rio Hondo ISD Coastal Stormwater BMPs Enhancement
- Support and Facilitation of WPP Implementation

Education & Outreach Activities

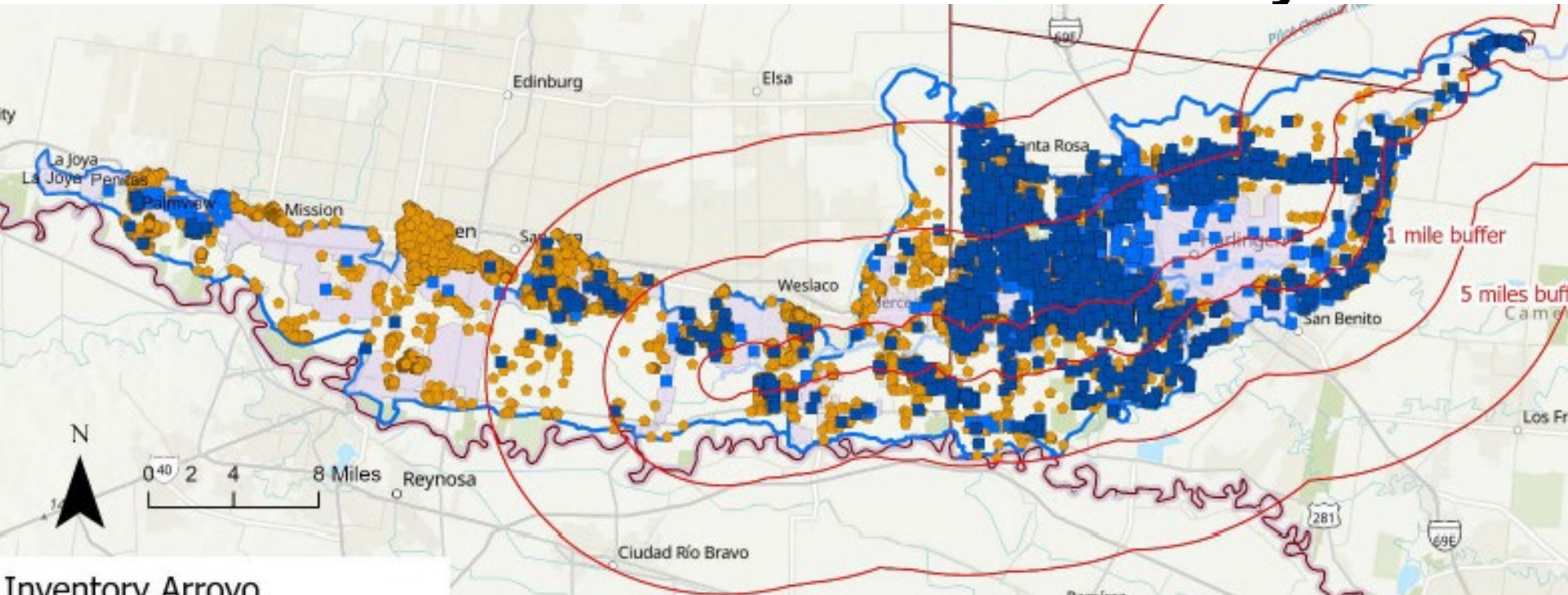
Recent

- Conducted Texas Watershed Stewards event in January

In the Works

- Developing educational signage and resources for Rio Hondo ISD rain garden/native habitat
- Working with Resaca de la Palma State Park to provide Arroyo focused educational resources for student programs
- More to come

OSSF Database and Inventory



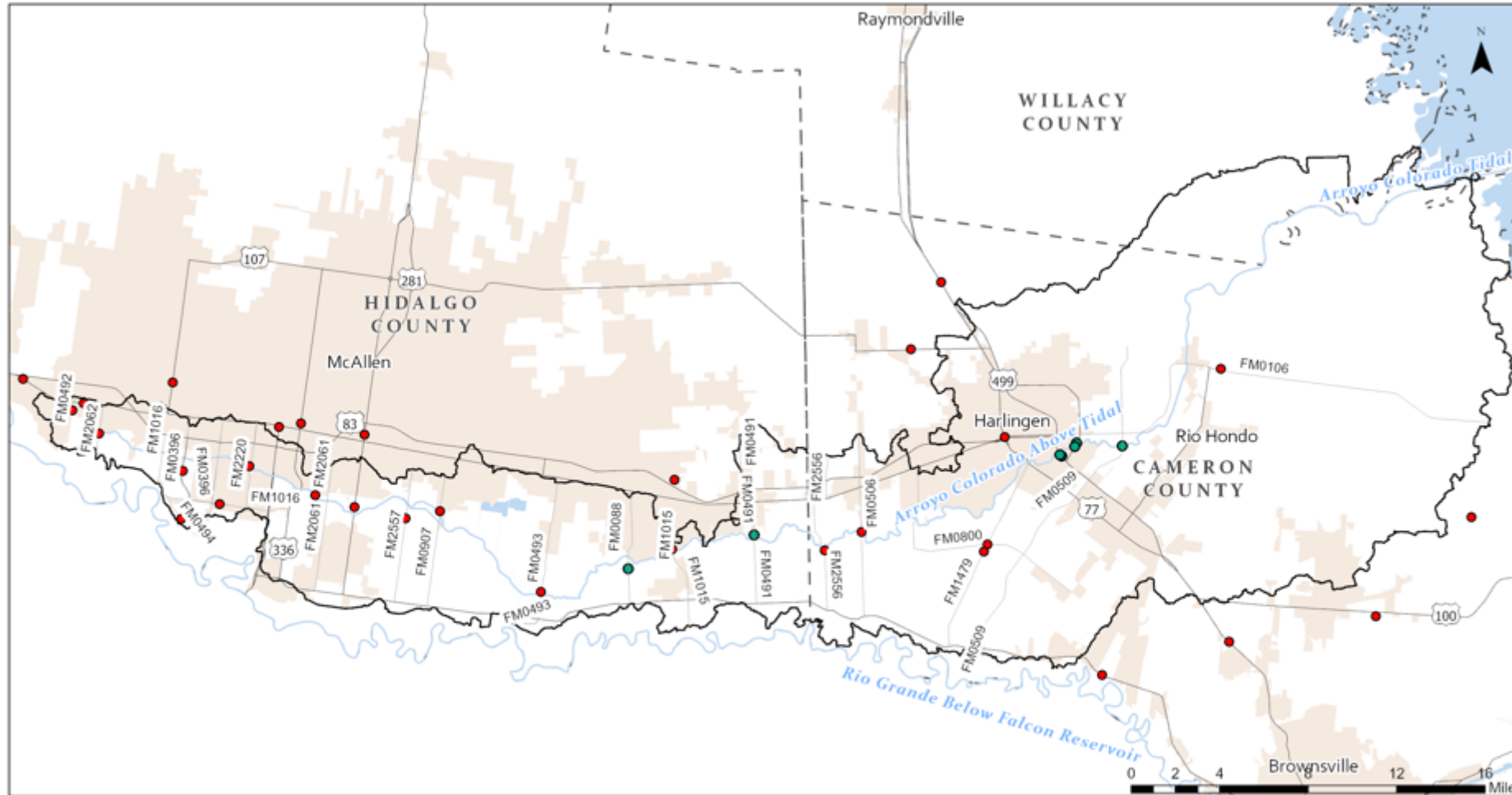
Inventory Arroyo

Inv_note06

- OSSF w/o permit record
- OSSF with permit record, in SA (avail)
- OSSF with permit record, outside SA
- Arroyo Colorado
- Arroyo Colorado Buffer
- Sewer Area
- County Boundary
- Arroyo Colorado Watershed Boundary

OSSF Type	Cameron Co	Hidalgo Co
Total #	14,683	19,505
No Permit	10,882	19,278
Permit - in SA	3,259	167
Permit – outside SA	542	60

Watershed Signage



- | | | | |
|--------------------|---------|-----------------------|------------------------------------|
| Watershed Boundary | Streams | Lakes | Road signs currently in place : NO |
| County Boundaries | Roads | US Census Urban Areas | Currently in place : YES |

Coordinating with TxDOT

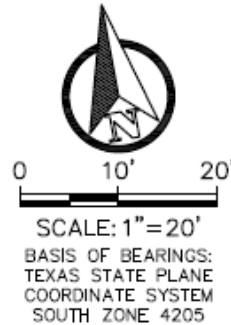
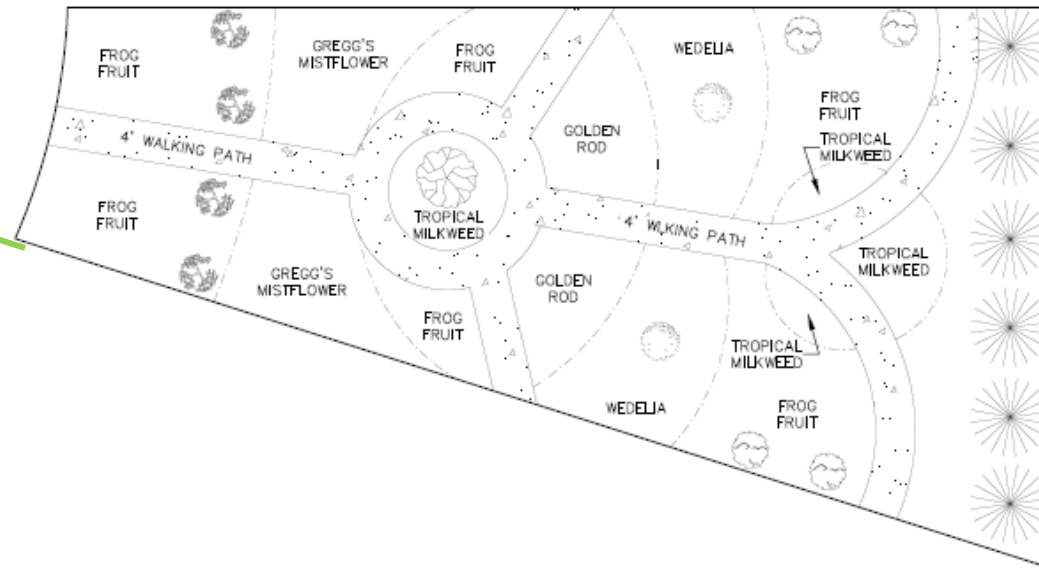
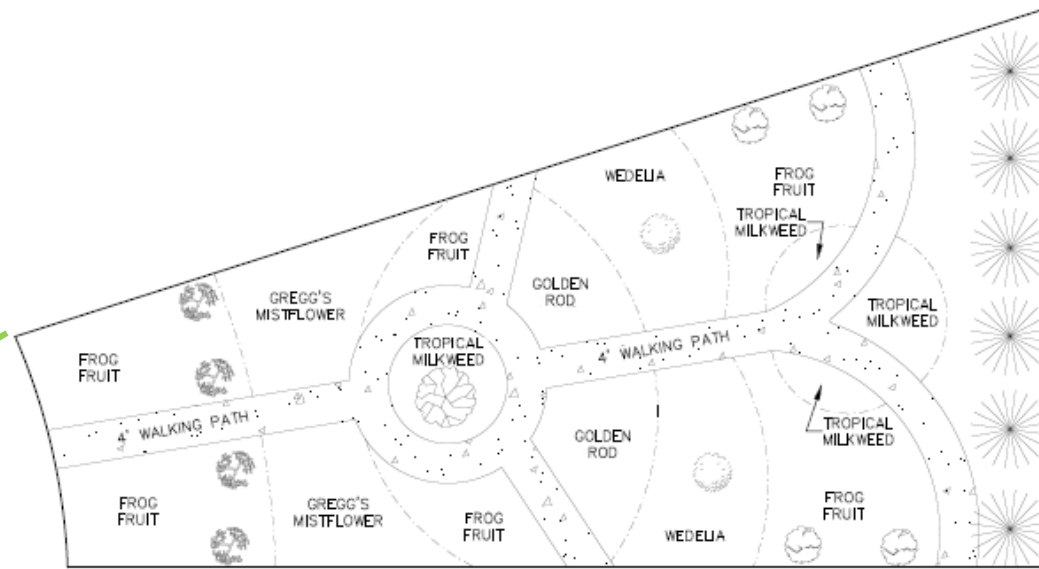
- May need new permit
- Installation logistics
- Updated locations

Questions?



Update to the
Arroyo Colorado
Watershed Protection Plan

Rio Hondo Middle School Stormwater BMP



Stormwater BMP Establishment



Rio Hondo Stormwater BMP Next Steps

- Develop and install signage: Plant ID and Stormwater Management
- Create learning content associated with BMP
 - Work with teachers and ESC 1 to ensure content meets grade appropriate TEKS
 - Habitat and organism ecology
 - Succession
 - Biodiversity
 - Natural disasters
 - Human impacts
 - Nonpoint Source Pollution
- Texas Stream Team Training
 - Tomorrow!
 - Science Teachers and select group of science students
 - Education on watersheds, water quality, stream systems, ecological implications
 - Instruction on monitoring techniques and methods
 - Empowers students to conduct their own research on local waterbodies and promote environmental stewardship

Questions?



Work Group Topical Discussions

Agricultural Issues

- ID and address ag NPS
- Promote voluntary management adoption
- ID needed education & outreach topics
- Evaluate management effects

Habitat Restoration

- Protect remaining natural habitats
- Promote restoration and green infrastructure
- Increase stormwater retention capacity via natural/green systems

Education & Outreach

- Help address water quality by raising awareness and fostering local stewardship
- Develop teaching aids
- Present watershed information
- Disseminate information

Wastewater Infrastructure

- Focus on upgrading wastewater infrastructure – municipal and OSSFs
- ID infrastructure type and location
- Respond to rapid urbanization issues

Work Group Discussion

- What current water issues exist relative to the work groups?
- What needs exist to address these issues?
 - Technical
 - Financial
 - Information
- Of the issues listed, what items are highest priority?

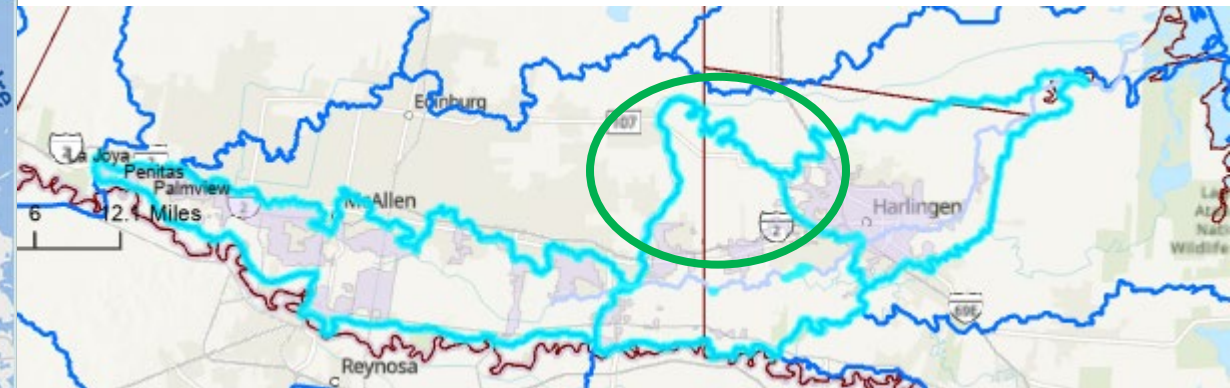
Future WPP Implementation Activities

- Additional Clean Water Act Section 319h funding from TCEQ is on the way
- Approximate start time is October 2025
- Will continue implementing items from the 2017 WPP
- Reinvigorating WPP Implementation is a main goal
 - Identifying evolving stakeholder/watershed needs

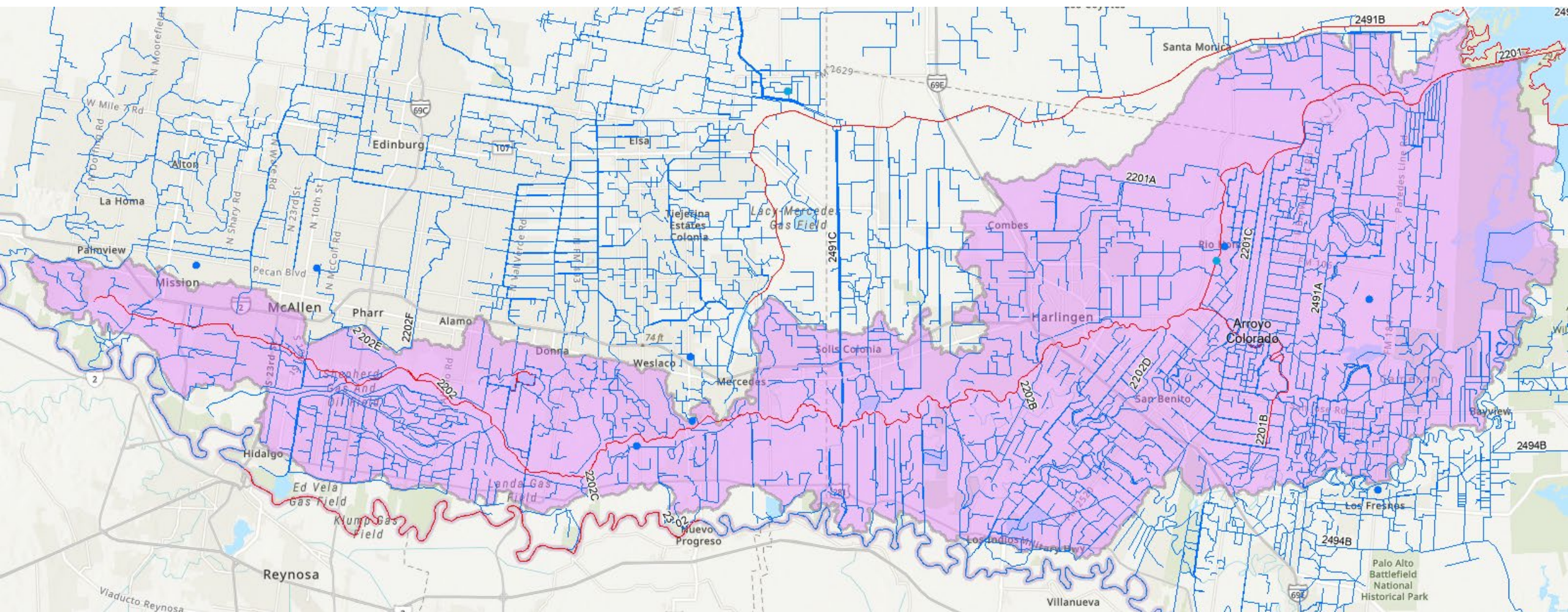
**Funding level subject to change and availability

Watershed Boundary Update

- 2017 WPP Update highlighted the need to update the boundary
- Drainage and irrigation networks complicate hydrology
- Better data now exists – LIDAR elevation
- Will seek input from cities, drainage, irrigation districts, etc.
- Publish updated watershed boundary maps and GIS layer

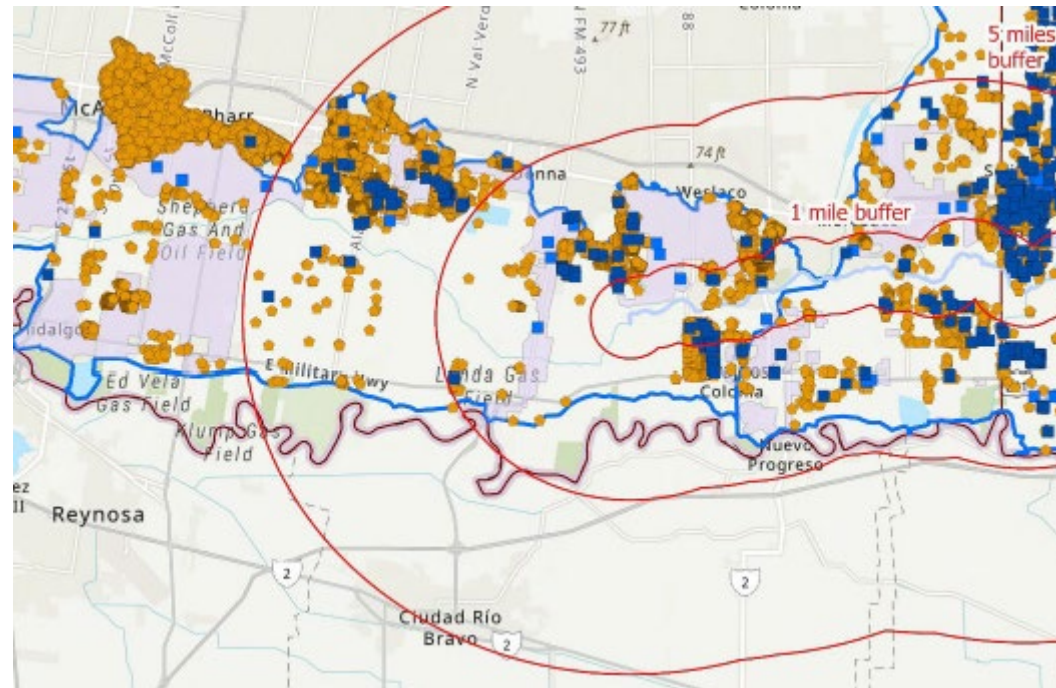


Valley Ditch Network



Continue OSSF Database Development

- Continue adding OSSFs from Cameron and Hidalgo counties
 - Maintain contact with County DRs for new permits
- Update maps and ID priority areas for OSSF education & outreach



Stakeholder Facilitation & Coordination

- Continue seeking funding to implement WPP
- Maintain watershed website
- Facilitate steering committee and work group meetings
- Keep stakeholder list up to date
- Coordinate with existing groups in watershed
- Develop and deliver annual newsletter
- Information dissemination
- WPP Implementation Progress Report

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