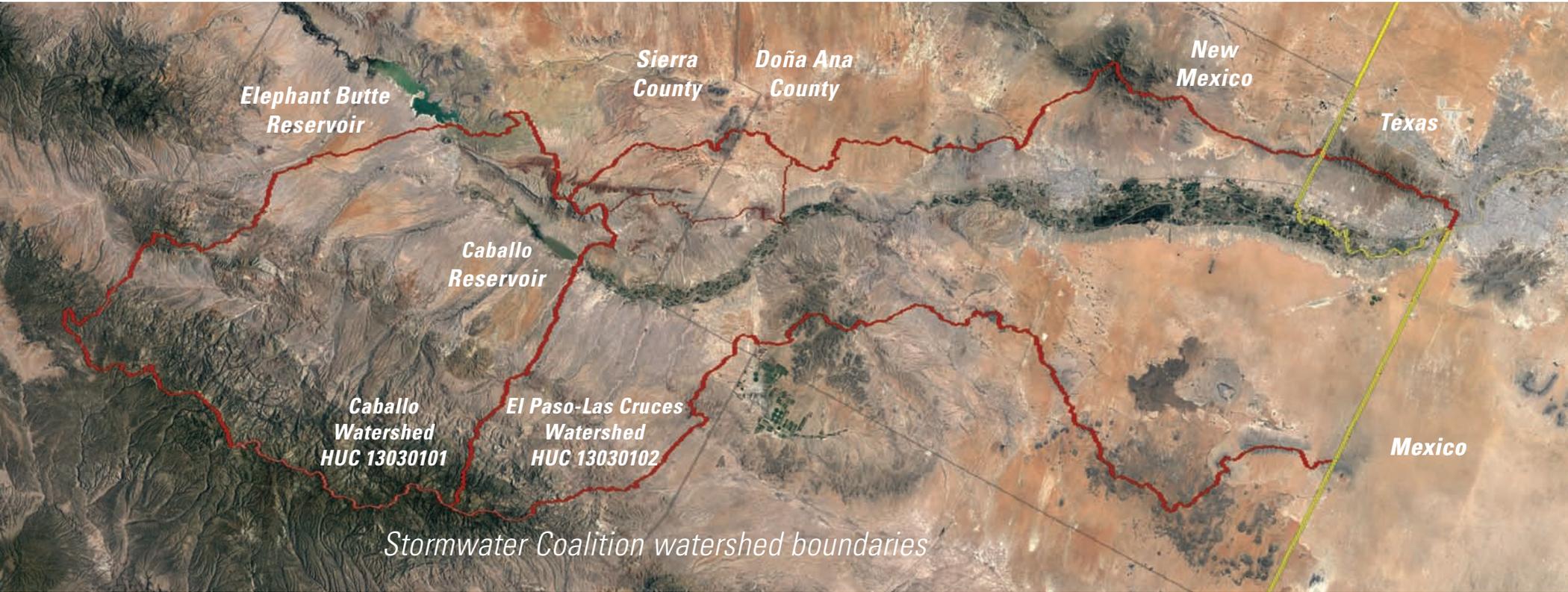


# Stormwater Coalition August 20, 2020 meeting: Update on grants



Presentation prepared and presented by:

The South Central New Mexico Stormwater Management Coalition (Stormwater Coalition)



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# Reclamation: FY 2019 Cooperative Watershed Management Program (CWMP) Phase I Grant

*Proposal title: The Stormwater Coalition of Southern New Mexico: Furthering Watershed Restoration Planning and Project Design for the Hatch and Mesilla Valley - "Keeping the water and the soil on the watershed"*

## *Funding and schedule*

- 2 year grant - \$100,000 (no more than \$50,000/year), no required match

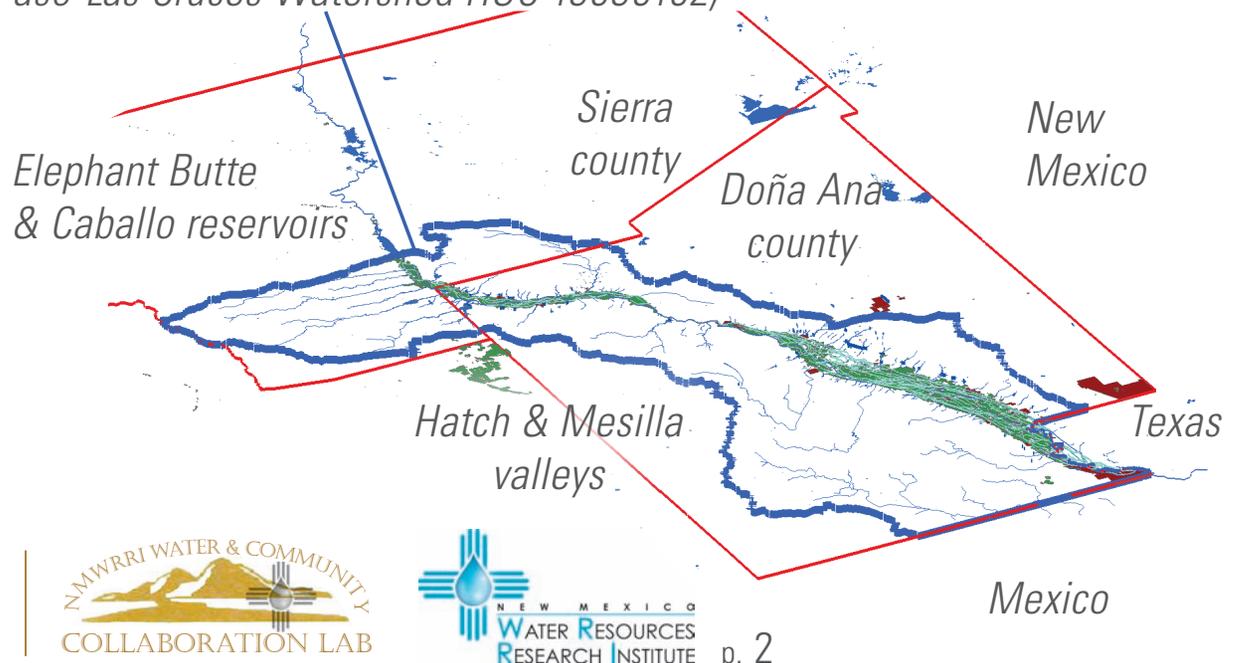
## *Goals*

- Extend the group's organizational development, increase collaborator development and community outreach
- Develop a community-based comprehensive watershed plan, assemble a diverse technical and stakeholder task force to develop plans
- Prioritize project designs for the region

## *Project Management Team directing and coordinating the activities of the project*

- the Stormwater Coalition is the recipient, with the Jornada Resource Conservation & Development Council as the fiscal agent, the NM WRRRI as subrecipient and project manager, the Doña Ana County Flood Commission and the Elephant Butte Irrigation District as core team members, and the Alamosa Land Institute as developing the priority project designs

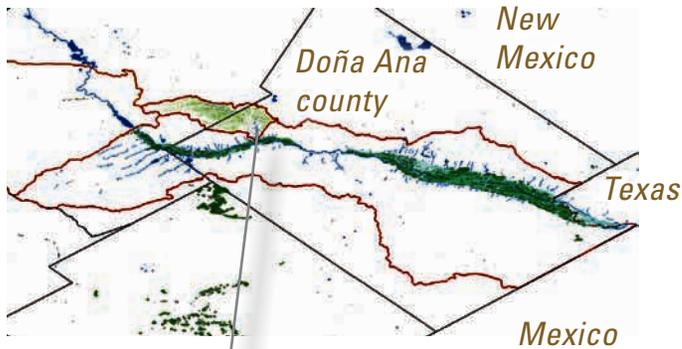
Project area: Hatch and Mesilla basins  
(El Paso-Las Cruces Watershed HUC 13030102)



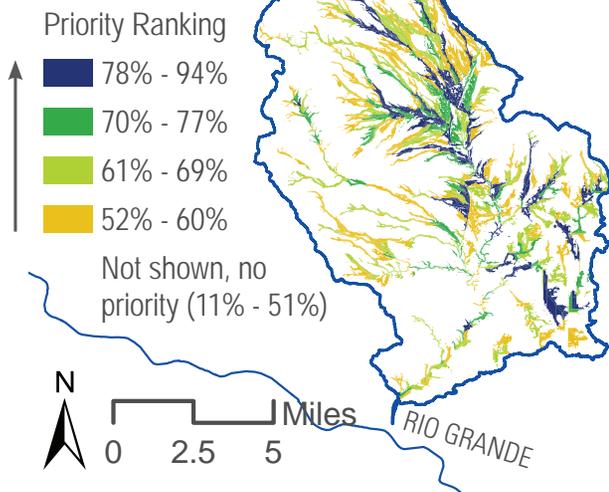
## *Status*

- Agreement under review for proposed start date of September 1, 2020

within the Hatch and Mesilla  
watershed HUC 13030102



Site: Rincon Arroyo  
Watershed



## *NRCS Watershed Protection and Flood Prevention Operations Program*

*Title: Rincon Arroyo Watershed Stabilization Project*

- Approval for the first Planning/NEPA phase

### *Funding and schedule*

- Planning phase year grant - \$450,000 to NRCS consultant for planning, NRCS hopes will be completed in less than 2 years

### *Approach*

- This phase aims to create a watershed plan to address the root cause of flooding, vegetation loss in the uplands that scour soils and transport sediment, which in turn clogs downstream riparian areas and over 19 miles of agricultural infrastructure, and overwhelms downstream flood control infrastructure.

- Our team has emphasized small-scale flood control measures due to the Rincon Arroyo watershed not being optimal for watershed is not ideal for a dam and issues that all sizes of dams in this region fill quickly with sediment due to the root watershed issues (as quickly as one flood event)

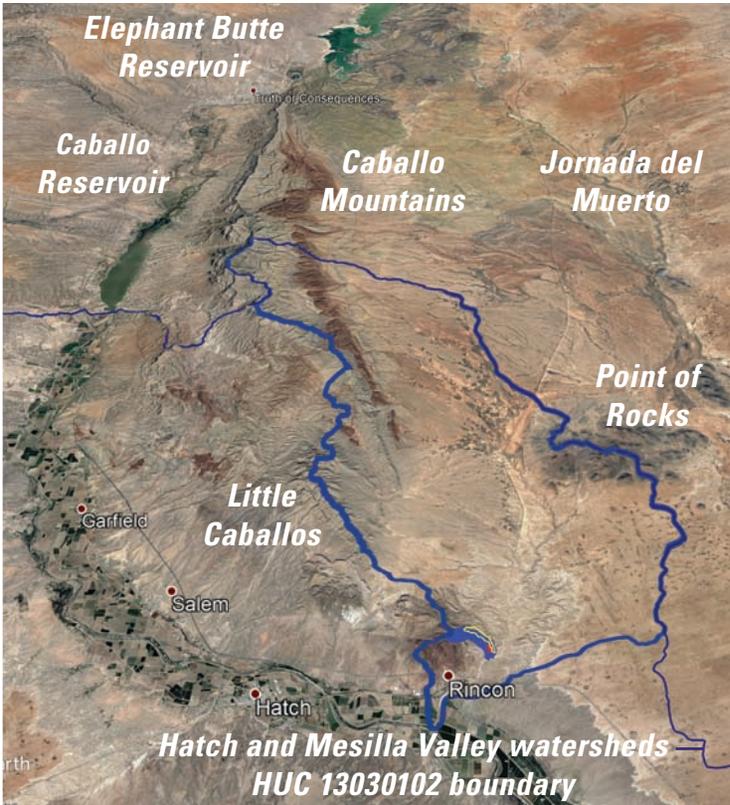
### *Team*

- Sponsor: Doña Ana County, led by the Doña Ana County Flood Commission

- Partners (agreements to be finalized): BLM, EBID, NM WRRI, and the Caballo Soil and Water Conservation District

### *Status*

- Kick-off meeting expected by end of September or beginning of October, with partnership agreements planned to be completed by then



# NMED Watershed Implementation grant, Clean Water Act Section 319 funds

## Title: Rincon Subbasins 319 Project

- Proposal title: Rincon Arroyo Watershed Stabilization Project to Reduce E. coli loading to the Rio Grande
- Grant requires that a Watershed-Based Plan (WBP) be complete, which Paso del Norte Watershed Council completed with many of the key team members in 2014

## Funding and schedule

- 3 year grant - \$397,052 from NMED, with \$264,701 match

## Description

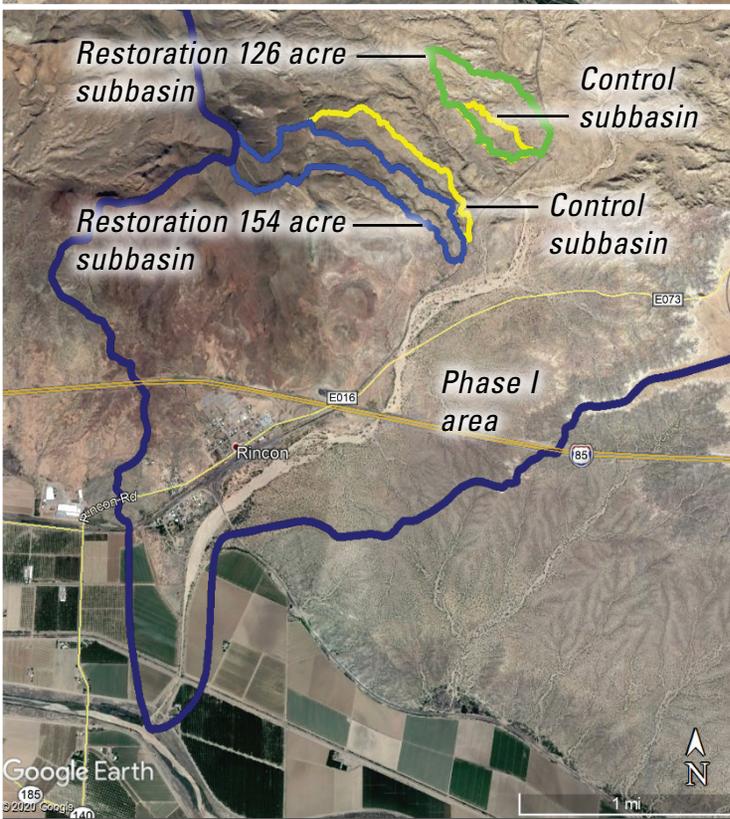
- The approach is to implement a watershed restoration plan with the primary objective to reduce sediment transport including E. coli to the impaired reach of the Rio Grande through small-scale, low impact restoration practices
- An additional benefit of the project is that it will also inform future project proposals within the larger Rincon Arroyo Watershed

## Team

- New Mexico Water Resources Research Institute is the recipient and project lead, with the Doña Ana County Flood Commission as the long-term manager of the project and member of the steering committee, along with the Elephant Butte Irrigation District, BLM, and the Caballo Soil and Water Conservation District, and project experts as key persons

## Status

- Agreement under review (approved by NMED Abe Franklin) for start in near future, BLM has sought funding from NMACD for archaeological surveys



# Reclamation: Drought Response Program

*Proposal title: EBID Drought Resiliency Priority Projects: Watershed-scale Stormwater Monitoring and Capture*

## *Funding and schedule*

- 2 year project - up to \$300k max Reclamation funding, match 50% of total project cost required

## *Goals propose to address programs tasks of:*

- increasing the reliability of water supplies through infrastructure improvements (through stormwater capture and aquifer recharge)
  - Monitoring: Haynor Bridge Metering Cable, radar water level sensors in the Placitas, Rincon, and Picacho arroyos, and 16 rain gauges in Picacho and Garfield watersheds
  - Capture: Automated turnouts at Selden, Doña Ana Dam, Eastside, Westside drains
- improving water management through decision support tools, modeling, and measurement (to evaluate and implement stormwater harvesting mitigation strategies)

## *Team*

- EBID recipient and project lead, with NM WRRRI developing the overall decision support tool

## *Status*

- agreement under review for a start in the near future

Project area: Hatch and Mesilla basins  
(El Paso-Las Cruces Watershed HUC 13030102)

