

**COCHISE COUNTY**

**Engineering & Natural Resources  
Flood Control District**

**Board of Supervisors**

**Work Session**

**February 20, 2025**



***Public Programs...Personal Service***

# Presentation Overview

- Statutory Authority & Responsibilities
- Floodplain Regulations
- District Staff
- Projects
- FCD Recharge Properties



## COCHISE COUNTY

# Statutory Authority

- ARS Title 48, Chapter 21 Flood Control Districts  
48-3602. Each county shall organize a county flood control district to include and govern its area of jurisdiction.
- A political subdivision of the State of Arizona, governed by County Board of Supervisors.
- FCD administers floodplains (district dependent) in Cities of Bisbee, Tombstone, Huachuca City and Unincorporated Areas; Benson, Douglas, Sierra Vista & Willcox manages their floodplains per ARS 48-3610.
- Cities and towns can revert floodplain administration to the County at any time and County must accept responsibility
- Floodplain Regulations, 1984



# Floodplain Regulations

- Regulate development in flood prone areas
- Federal Emergency Management Agency (FEMA)
  - National Flood Insurance Program (NFIP)
- Community Rating System (CRS)
  - Provides all citizens of Cochise County a 5% discount on flood insurance
- Arizona Department of Water Resources (ADWR)
  - Oversight of FCD
  - State liaison for NFIP
  - Comply with ADWR Model Ordinance



# FCD Staff

- Jackie Watkins, P.E., CFM – Director of Engineering & Natural Resources, County Engineer
- Joaquin Solis, P.E., Deputy Director FCD Division
- Susan Long, Engineering Tech (NFIP) Floodplain Use Permits / Erosion Hazard Setbacks
- Shon Brady, Sr Engineering Tech, Commercial Development Review (3/4 time)
- Mark Apel, Environmental Projects Coordinator, recharge and watershed projects (half time)
- Administration, shared position with HURF
  - Mayra Moreno
  - Gabe Ruiz



# Projects

## Watershed Studies

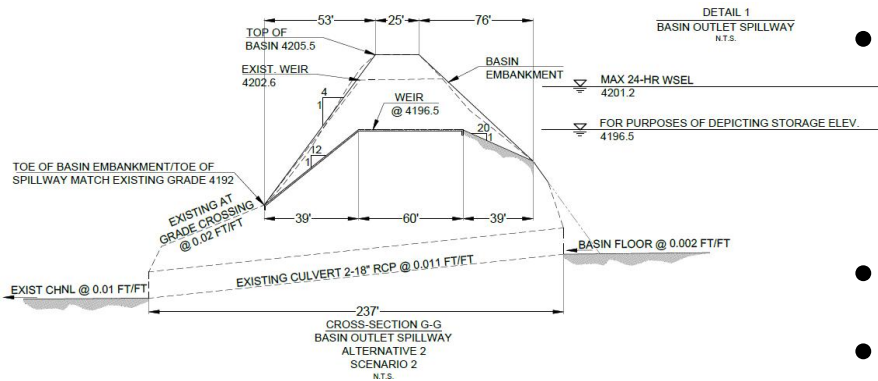
- Pomerene Rd.
  - Winter 2025
  - \$250,000
- Willcox Basin
  - Building Resilient Infrastructure Communities Grant Awarded
  - JE Fuller Consultant - \$299,000
- Rucker Canyon Watershed
  - US Army Corps of Engineers
  - PAS Study (Planning Assistance to States)



# Leslie Canyon Pond



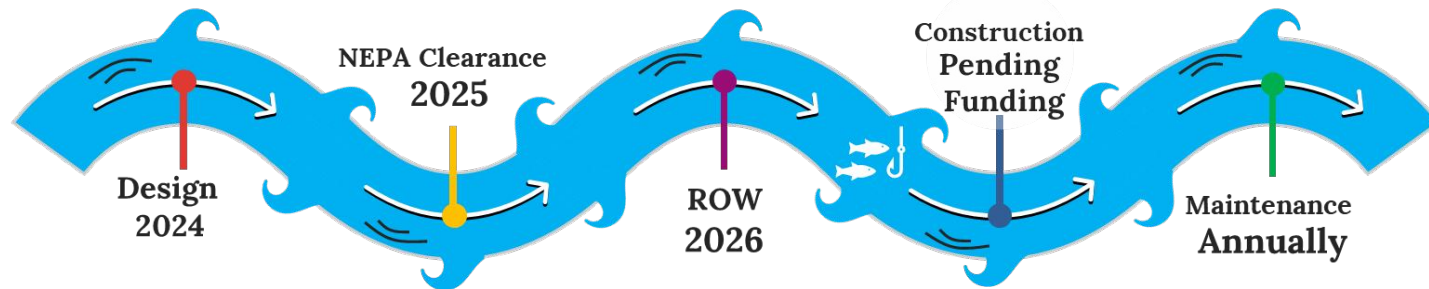
- Design \$219,250
- ADWR Jurisdictional Dam
- ENR designed road crossings of inlet/outlet structures on Vista Del Cerro and Santa Paula.
- Acquiring Drainage Easement
- ADWR Approval Plans
- Construction Estimated \$3.5 million
- Apply for Grants





# COCHISE COUNTY

# Bay Acres



- Reduce flooding issues in the Bay Acres Colonia and along Washington Ave
- Design Consultant \$261,791
  - 60% Design Plans
- NEPA Clearance
- Right-of-Way Acquisition
- Construction
- ROW & Construction \$15M
- Will pursue grants

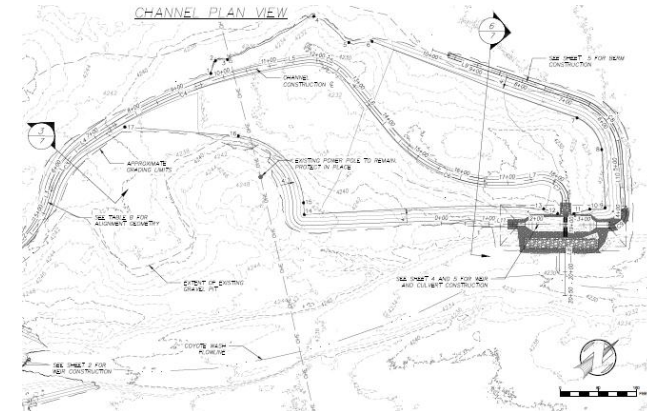


# COCHISE COUNTY

# COYOTE WASH



- Design \$330,000
  - NEPA Clearance **Completed**
  - Final design plans April 2025
- Estimated Construction Cost \$6,500,000
  - Awarded Readiness and Environmental Protection Integration (REPI) Construction Grant \$1,500,000
  - FCD \$500,000
  - Water Infrastructure Finance Authority (WIFA) Arizona grant \$3,000,000
  - Governor Hobbs Grant - \$1,500,000

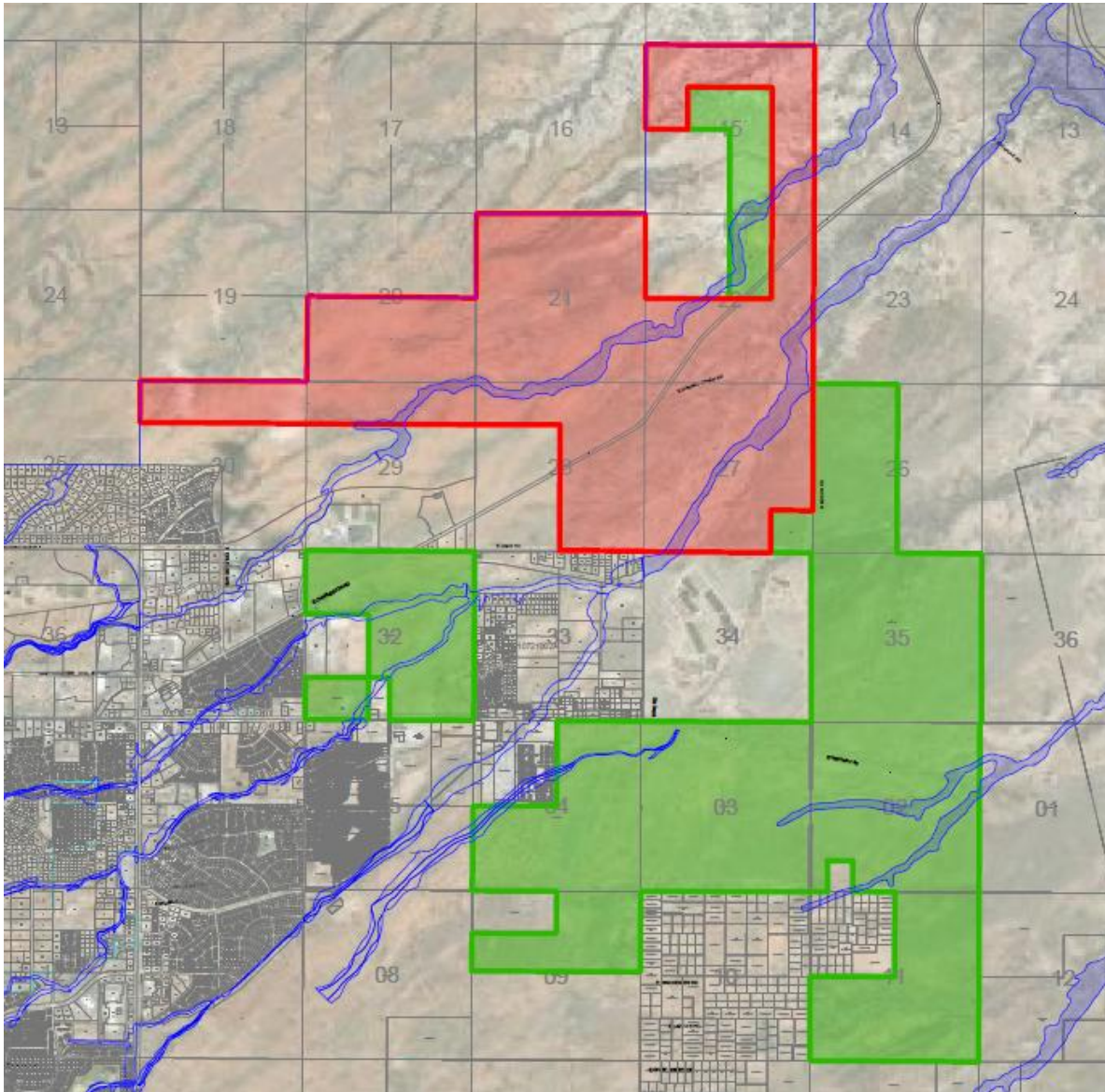


# Recharge Properties

- Bella Vista Ranch
  - 2,984 Acres Deeded
  - 4,066 Acres Arizona State Land Lease
- Riverstone
  - 1,810 Acres
- 3 Canyons
  - 475 Acres
- Palominas
  - 315 Acres
- Babocomari
  - 104 Acres
- Bisbee Effluent (to aquire)
- Horseshoe Draw Detention (easement)



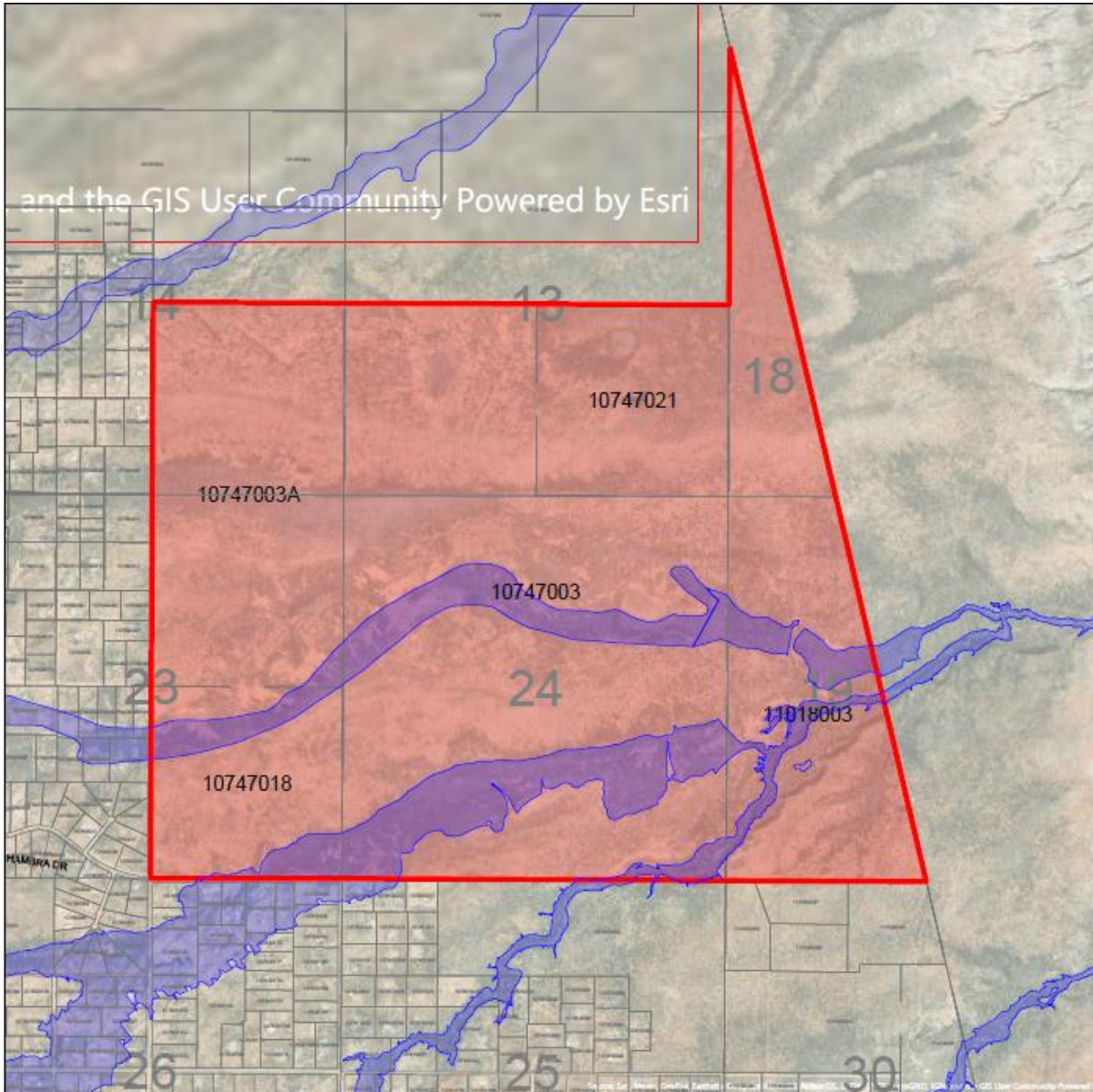
# COCHISE COUNTY



**Bella Vista Ranch**  
**2,984 Deeded Acres**  
**(Red)**  
**4,066 State Land Lease**  
**(Green)**



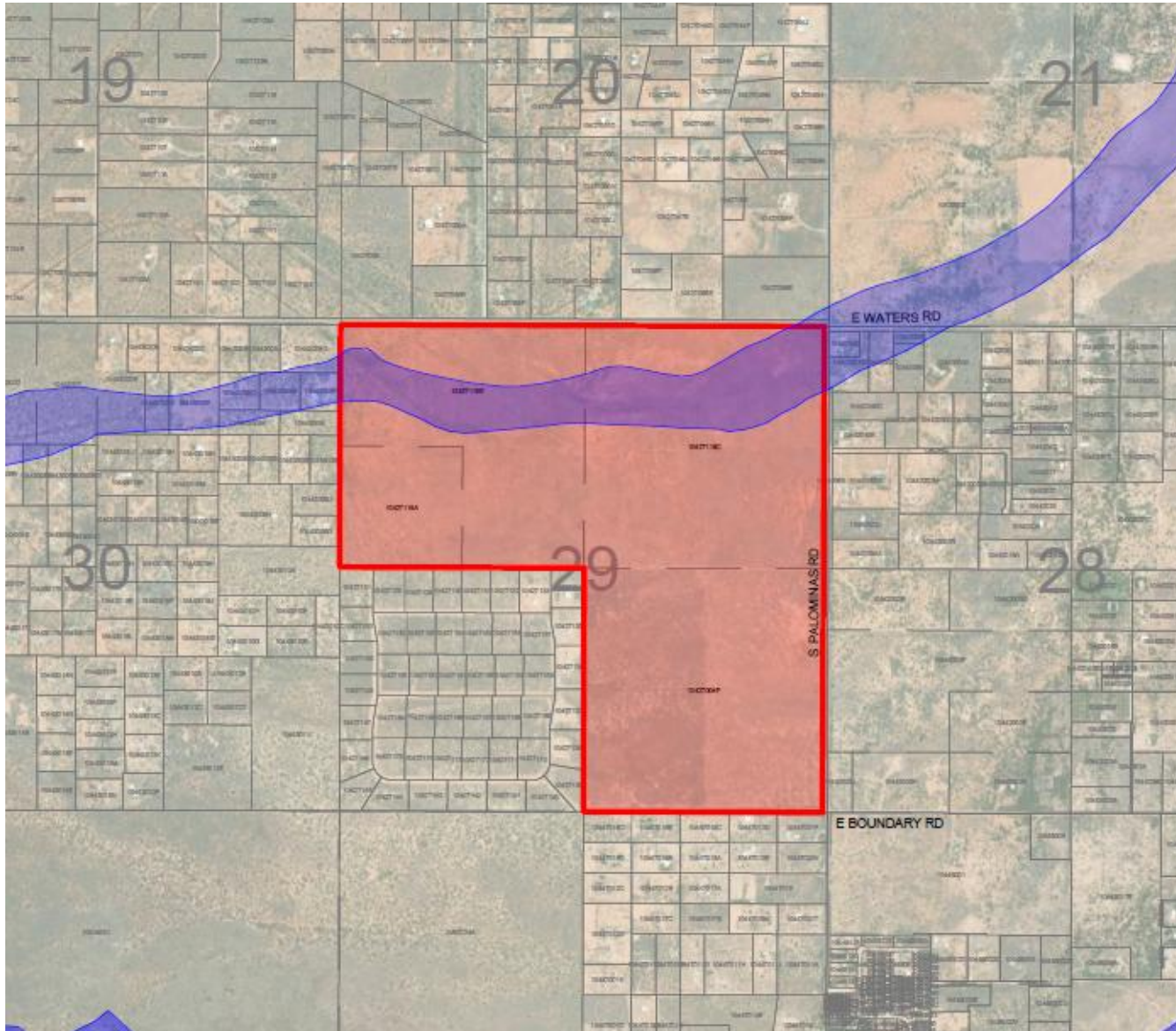
# COCHISE COUNTY



Riverstone  
1810 Acres



# COCHISE COUNTY

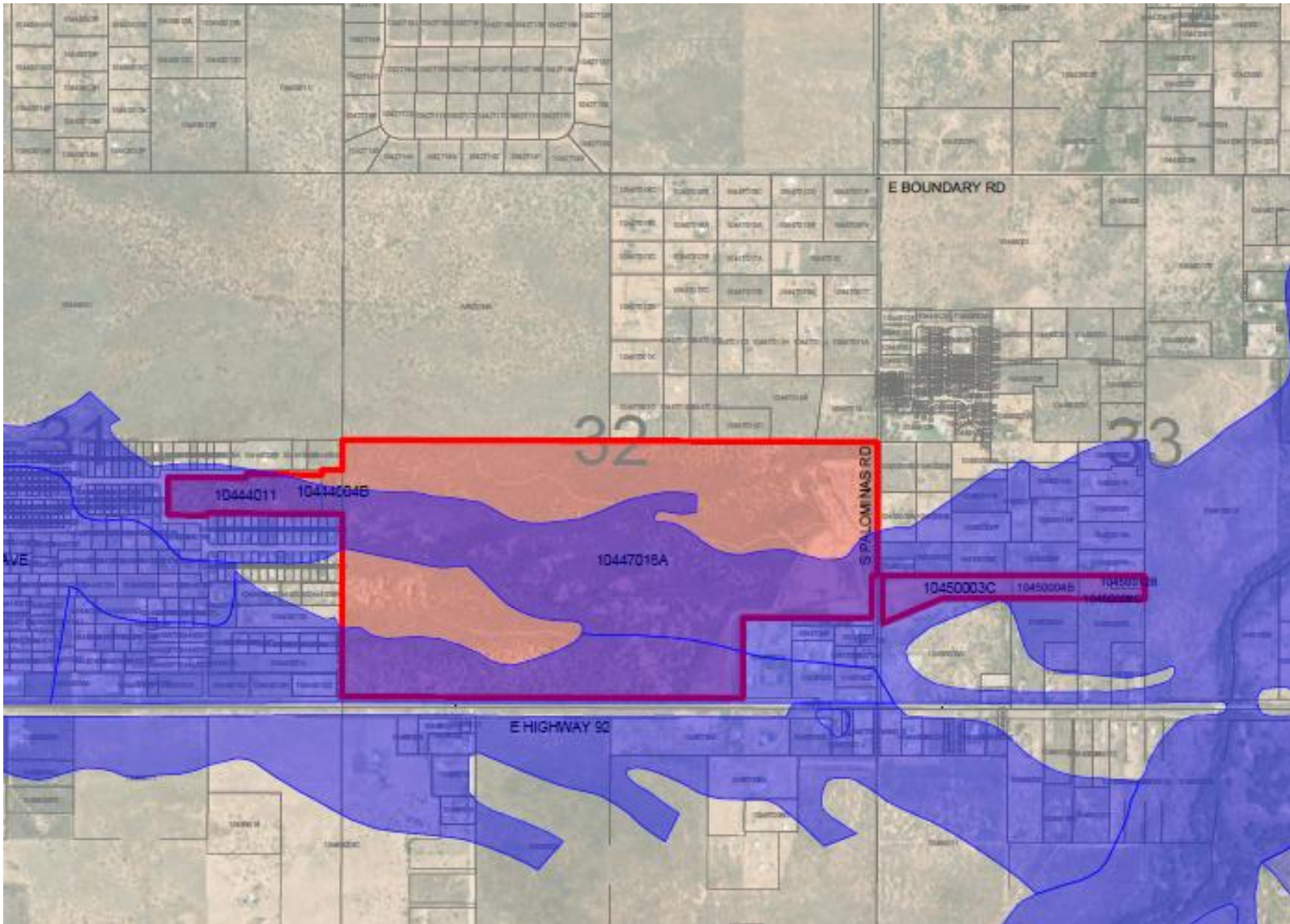


3 Canyon  
475 Acre



# COCHISE COUNTY

# Palominas 315 Acres



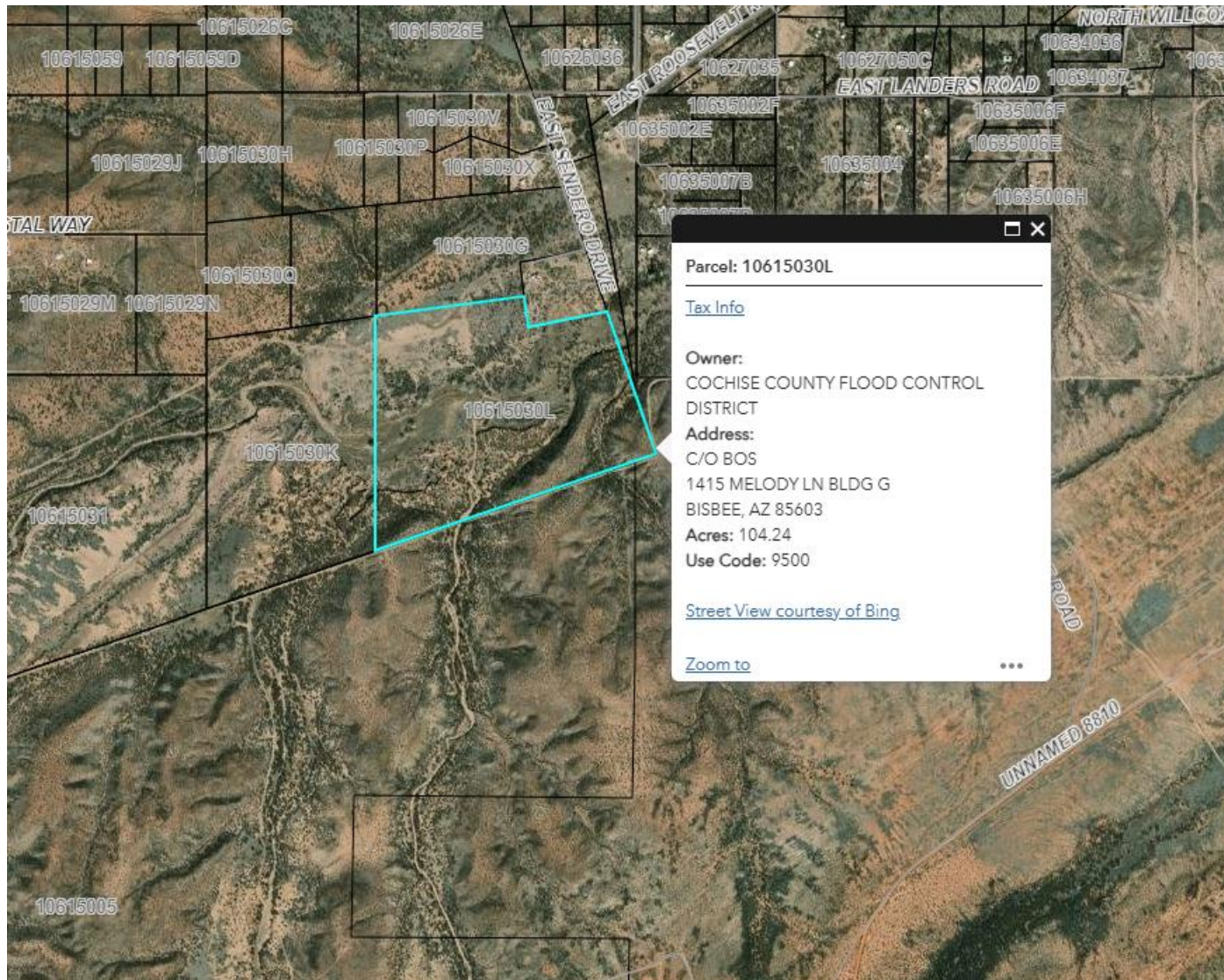
CCRN Recharge Sites

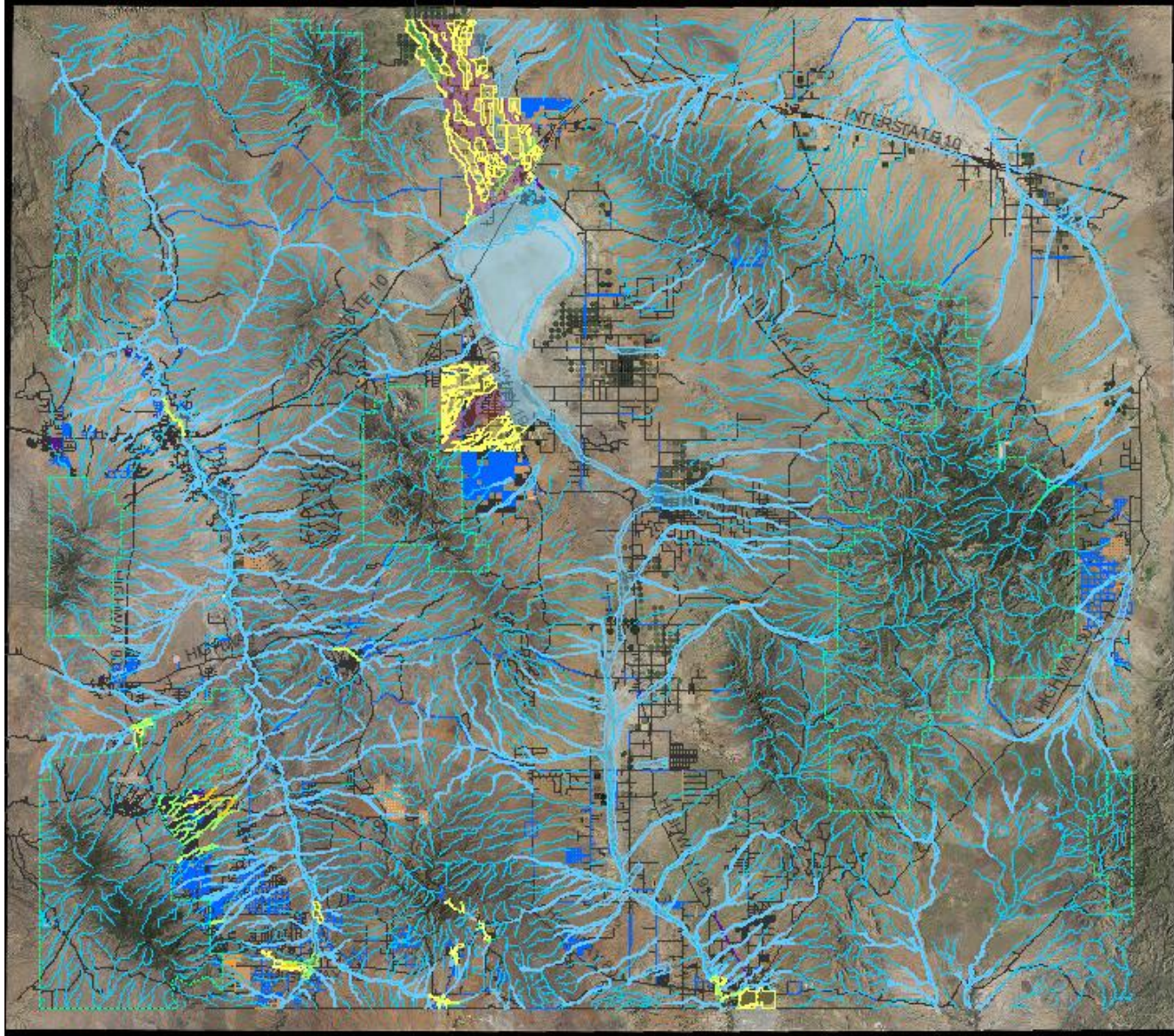
# Palominas Recharge Interpretive Path



# COCHISE COUNTY

## Babocomari 104 Acres





# COCHISE COUNTY



## Monsoon Floods 2022

