



Overview of the Flood Control District

***Doney Park, Timberline, and Fernwood Area Plan Meeting
May 14, 2020***



COCONINO
COUNTY ARIZONA

FLOOD CONTROL DISTRICT

Flood Control District Overview

Lucinda Andreani

Flood Control District Administrator,

Public Works Director and Deputy County Manager

History of the District

- Formed in 1984
- Flagstaff, Page and Fredonia allowed to “Opt-Out” of the District – No tax collected from private properties in those jurisdictions
- Sedona – received tax collected from Sedona after deducting cost of managing the FEMA floodplain
- Williams – received entire tax collected from Williams (Williams manages its own floodplain)
- County administered FEMA floodplains in Sedona, Tusayan & unincorporated areas

Flood Control District

- County has participated in the National Flood Insurance Program since 1974
- The Flood Control District is statutorily required to adopt and enforce FEMA regulations governing floodplains and floodplain management
- The District is audited by both state and federal entities



History of the District

- Historically, FCD funded very limited number of projects
- Until Schultz Fire and Flooding in 2010...funds used to match federal funds to complete \$30 million of Schultz Flood mitigation
- As completed Schultz, FCD invested in completing Initial Engineering Assessments for four FEMA Floodplain areas – Fort Valley, Mtn Dell, Kachina Village/Mountainaire & Munds Park
- Results identified two top priority projects – Mountain Dell & Munds Park - Mountain Dell –construction in spring 2020
- Munds Park – adverse impacts so project cancelled; evaluating post-wildfire flooding impacts

History of the Flood Control District

- Results of IEA's identified two top priority projects – Mountain Dell & Munds Park:
- Mountain Dell – going to construction in spring 2020
- Munds Park – adverse impacts so project cancelled; evaluating post-wildfire flooding impacts
- FEMA Maps for Munds Park, and Kachina/Mountainaire are being updated

District Property Tax Levy

- **Property Tax Rate capped at 50 cents per statute**
- **Initial Tax Rate – 8 cents**
- **Raised to 20 cents in 2006**
- **Increased to 40 cents in 2010 to address Schultz Flood area impacts & provide for funds for FEMA floodplain projects within the County’s NFIP jurisdiction**
- **Kept revenue flat at \$2.7M in FY2019 and tax rate dropped to 18 cents given reaffirmation of boundaries**
- **FY2020 raised rate to 22.8 cents; Revenue = \$3.6M to fund forest restoration and pay for North Schultz Flood repairs**



COCONINO
COUNTY ARIZONA

FLOOD CONTROL DISTRICT

Questions?





COCONINO
COUNTY ARIZONA

FLOOD CONTROL DISTRICT

Schultz Flood Mitigation Update

Christopher Tressler P.E.
Flood Control District Engineer and
County Engineer

Devastating Monsoon Floods

- The death of a 12 year old girl
- Interior flooding of approximately 85 homes
- Damage to the City's municipal water line, County Road & Drainage Infrastructure & Hwy. 89
- Thousands of tons of sediment flowed through and onto hundreds of private properties
- Over 55 Flooding Events Between 2010 - 2013
- Presidential Disaster Declaration



Projects Completed



Restore. Revive. Renew.
Through Partnership
SCHULTZ COMMUNITY RECOVERY



2013



2014



2015



2016



2013



2014



2015



2016



2018 North Schultz Flood ***1,000 Year Rain Event***



Brandis Way Channel



Restore. Revive. Renew.
Through Partnership

SCHULTZ COMMUNITY RECOVERY



Brandis Way Outlet Channel at Highway 89



Restore. Revive. Renew.
Through Partnership



Lower Copeland Channel



Restore. Revive. Renew.
Through Partnership

SCHULTZ COMMUNITY RECOVERY

Museum Flood Mitigation

- Mitigated over 400 homes and about 35 businesses in just over two weeks
- 6,600 feet of concrete & water barriers
- Over 600,000 sand bags
- Significant debris & vegetation removal
- 15 Community Meetings
- Established Flood Monitoring System
- Total Cost = \$1.8 Million





COCONINO
COUNTY ARIZONA

FLOOD CONTROL DISTRICT

Questions?





COCONINO
COUNTY ARIZONA

FLOOD CONTROL DISTRICT

Forest Restoration

Jay Smith, Forest Restoration Director



Coconino County
FOREST
Restoration Initiative

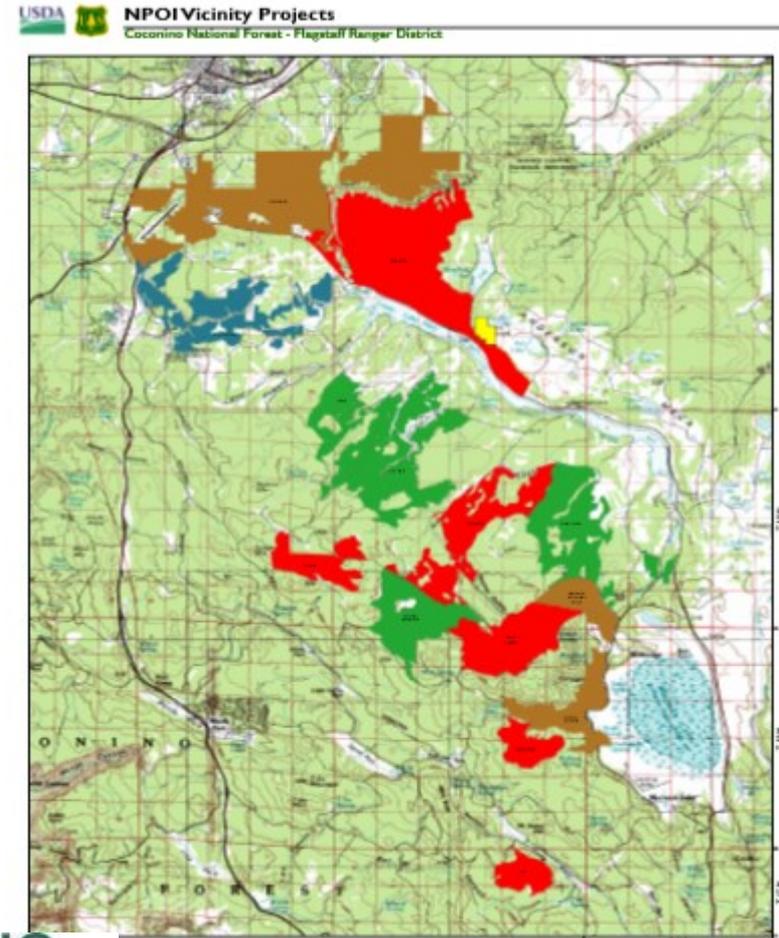


Bill Williams Mountain



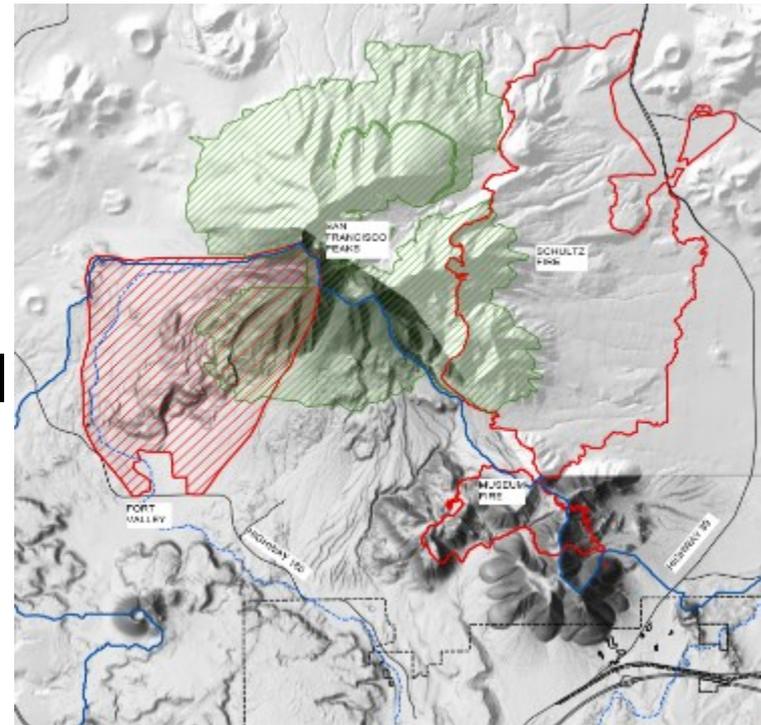
Readiness and Environmental Protection Integration Grant

- The REPI Challenge Grant is funded through Dept. of Defense
- Priority is to protect the NPOI telescope
- Will treat approximately 8,847 acres



Post-Wildfire Risk Studies

- Studies slated for Mormon Mtn, Munds Park & Sedona/Oak Creek
- LIDAR flight completed; Post-Wildfire flooding analysis is underway
- Study results will identify potential steep slope restoration projects
- Rio de Flag – Based on a 100 yr. flood event, FLO-2D modeling estimates post-fire discharges at 7.5 X greater.



Area Wide Fire Restrictions

- **Coconino National Forest enacted a campfire ban April 22nd**
- **Coconino County enacted ban on April 28th**
- **Building, maintaining, attending or using a fire, campfire or stove fire are prohibited**
- **Gas and propane powered stoves, grills or lanterns with an on/off switch are permitted**



Four Forest Restoration Initiative

- Phase 2 RFP Closed
- Utilizing 4 other partners in determining awardees
- First 20 year contract term in Forest Service history
- 600,000 to 800,000 acres
- 6 separate contracting sub-units
- Expect announcement of contract awardee(s) in September





COCONINO
COUNTY ARIZONA

FLOOD CONTROL DISTRICT

Questions?

Coconino County

FOREST

Restoration Initiative