

# State Engineer Presentation to the Water and Natural Resources Interim Committee

Local To Regional Water Resiliency: Colorado  
River 101 & Basin Agreement, San Juan-Chama  
& Animas-La Plata Project Updates

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# San Juan-Chama Project Features





## OSO DIVERSION DAM – Largest on the Three

TUNNEL  
OULET  
DELIVERING  
SJC to  
RIO GRANDE  
BASIN



# San Juan-Chama Project

- The San Juan-Chama Project is a component of the Colorado River Storage Project (CRSP) and was authorized for construction in 1962 along with the Navajo Indian Irrigation Project.
- Construction was completed in 1970 and the first diversion of San Juan basin water crossed the Continental Divide into the Rio Grande basin and was stored in Heron Reservoir in October.
- The initial purpose of the Project was to deliver a supplemental supply to the City of Albuquerque and the Middle Rio Grande Conservancy District that contract for 2/3rds of the firm yield of the project (96,200 acre-feet).
- Multiple other purposes and contractors signed on for the remaining portion of the available supply. The Nambé Dam project that serves the Pojoaque Valley Irrigation District and the Pueblos of Nambé, Pojoaque and San Ildefonso utilize about 1,200 acre-feet to offset depletions with storage at the dam. The Corps of Engineers maintains a sediment retention and recreation pool at Cochiti Dam needing approximately 4,500 acre-feet annually to offset evaporation. Several smaller cities and towns receive SJC for offset purposes.

# San Juan-Chama Project

- **Indian Water Rights Settlements:** To help complete several settlements, the state and the Bureau of Reclamation agreed to allocate portions of the uncontracted supplies for settlement negotiations.
- **The Jicarilla Apache Nation** received 6,500 acre-feet when their water rights were settled in 1999 and they have leased much of their annual allocation to the Bureau of Reclamation for endangered species uses in the middle Rio Grande.
- **Ohkay Owingeh Pueblo** has an allocation of 2,000 acre-feet that is a component of their recently negotiated settlement on their Rio Chama claims. Their water has been leased to Reclamation historically as well.
- **Taos Pueblo** received an allocation of 2,215 acre-feet as part of its settlement of the Abeyta Adjudication in the Taos area.
- **The Four Pueblos of Nambe, Pojoaque, Tesuque and San Ildefonso** received an allocation of 1,079 acre-feet to be utilized as determined by the Tributary Water Rights Association of the four Pueblos once Reclamation completes the Pojoaque Valley Drinking Water Project under the Aamodt settlement.

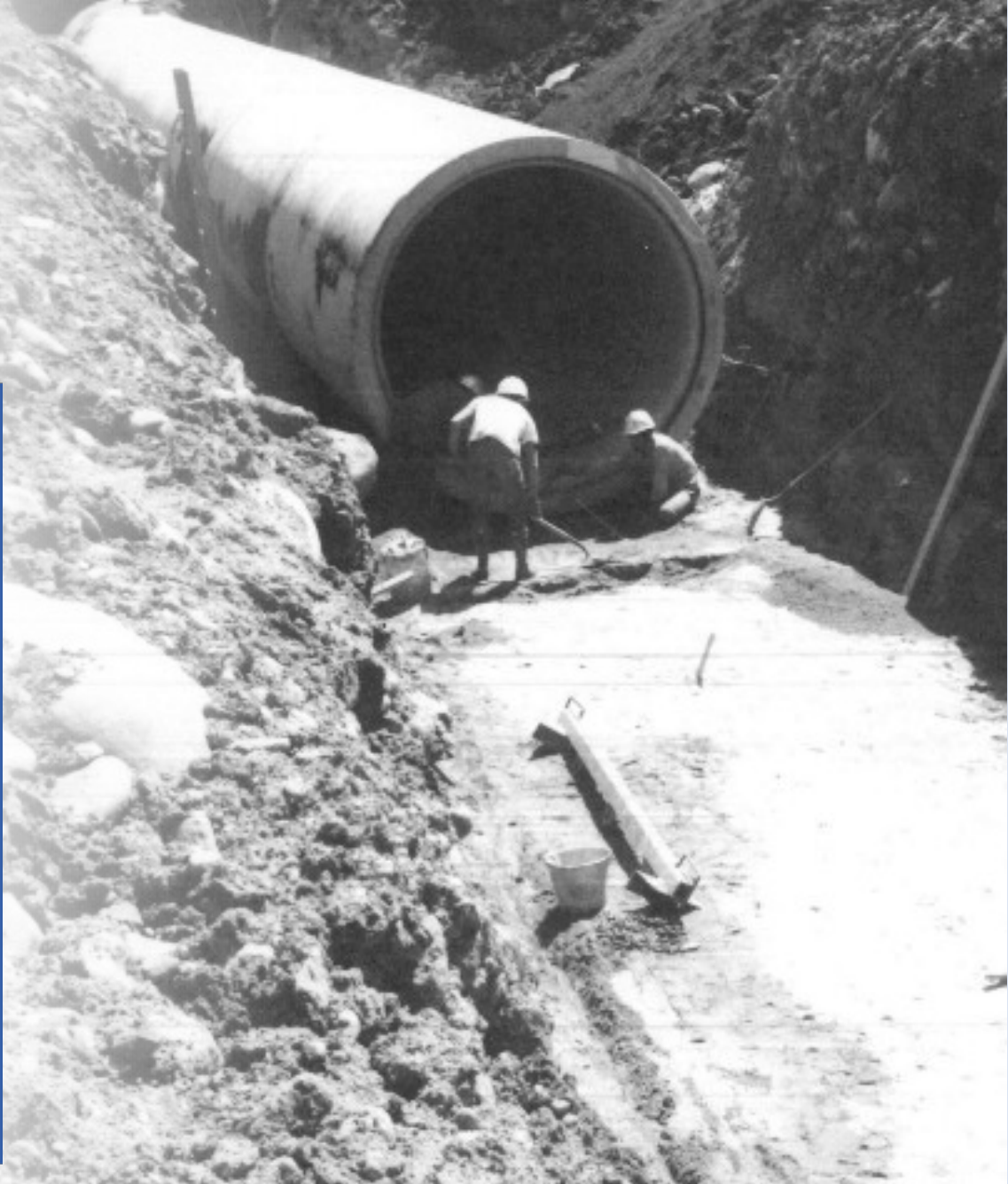
# San Juan – Chama Project Shortages

| Year | Allocation(AF) | % Allocation |
|------|----------------|--------------|
| 2012 | 96,200         | 100.0%       |
| 2013 | 96,067         | 99.9%        |
| 2014 | 85,496         | 88.9%        |
| 2015 | 89,300         | 92.8%        |
| 2016 | 92,500         | 96.2%        |
| 2017 | 96,200         | 100.0%       |
| 2018 | 86,000         | 89.4%        |
| 2019 | 96,200         | 100.0%       |
| 2020 | 78,000         | 81.1%        |
| 2021 | 63,000         | 65.5%        |

# Colorado Storage Protection Act – States Funding

## History

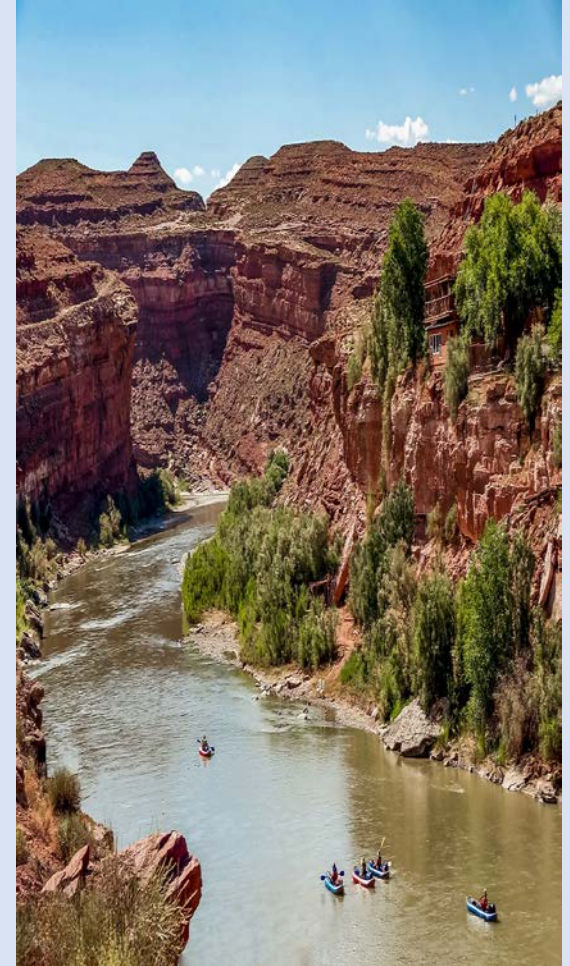
- 1956 - Colorado Storage Protection Act (CRSPA), Section 5(e)
- Upper Colorado River Basin Fund - Hydroelectric funding of aid-to-irrigation and repayment of participating projects
- 2011 – Memorandum of Agreement Concerning the Upper Colorado River Basin Fund (MOA)
- MOA Term - 2011 to 2025
- \$161 Million proportionally split among the four Upper Division States over 14 years
- \$57.5 Million remain to be provided between 2020 and 2025





# Funding for Approved Projects (CRSP projects or benefiting CRSP projects):

- Elective operation, maintenance, and replacement activities
- Water delivery optimization
- Rehabilitation and Refurbishment
- Data collection
- Modernization
- Basin-wide projects
- **New Mexico CRSP projects**
  - Navajo Reservoir
- **New Mexico CRSP Participating Projects**
  - San Juan-Chama Project
  - Hammond Conservancy District
  - Animas-La Plata Project

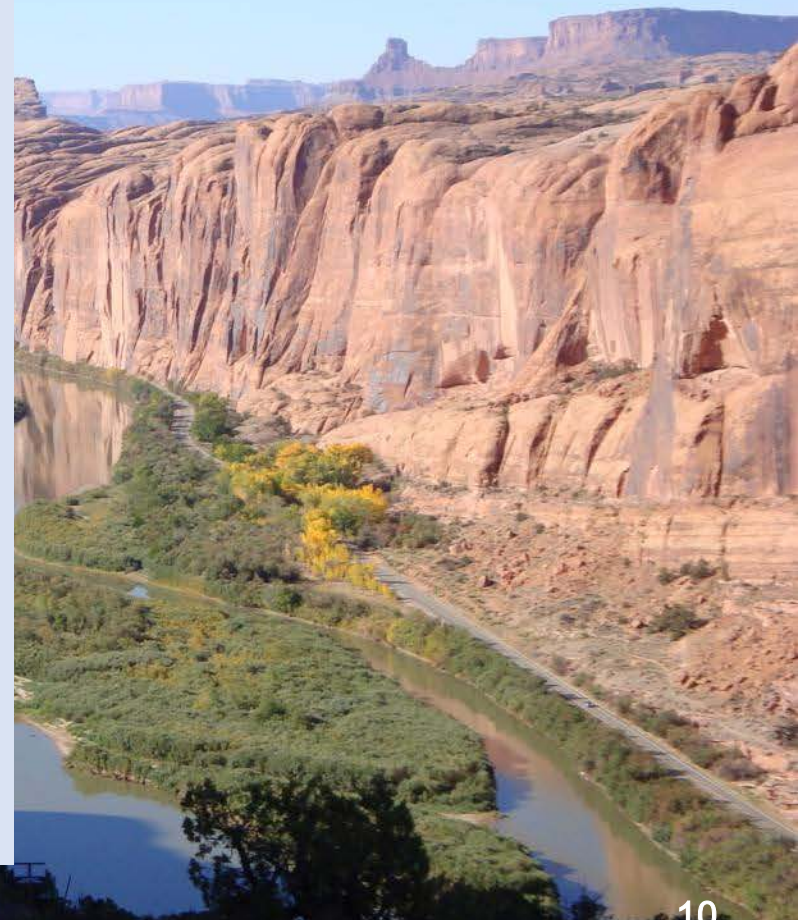


# 2020 - Second Memorandum of Agreement Concerning the Upper Colorado River Basin Fund (MOA 2)

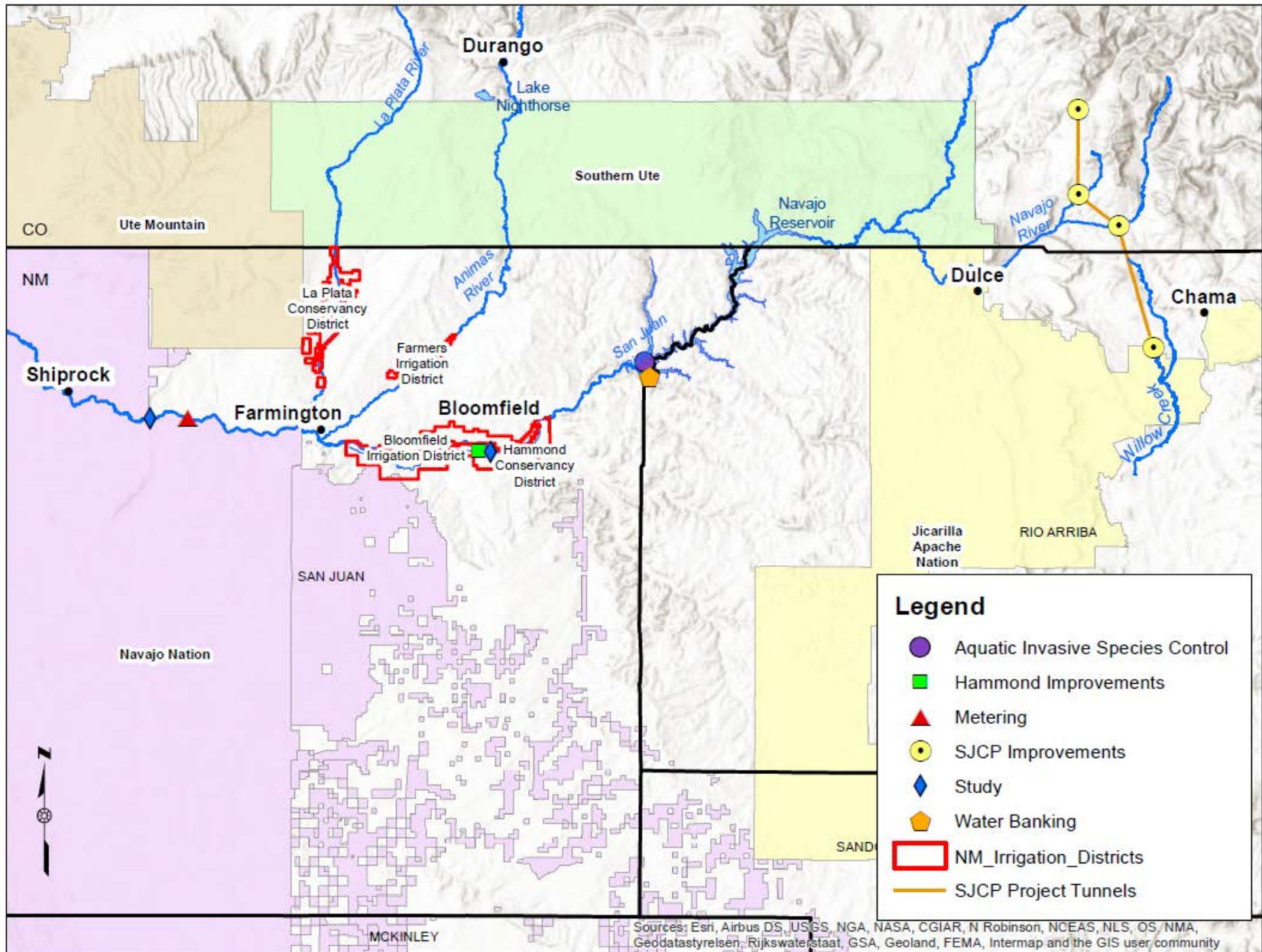
- MOA 2 Term - funded from October 1, 2020 to 2037, with 10 additional years to finish the projects (2047)
- Total Amount - \$57.5M remaining from first MOA, plus \$187.4M additional funding = \$244.9M

## Distribution

- |              |       |
|--------------|-------|
| • Colorado   | 46.0% |
| • Utah       | 21.5% |
| • New Mexico | 17.0% |
| • Wyoming    | 15.5% |
- New Mexico will receive \$41.6M over 17 years or \$2.45M/yr



# Basin Fund MOA2 Projects in the San Juan Basin





Heron Lake State Park

Questions?