

# Presentation for the Water & Natural Resources Committee

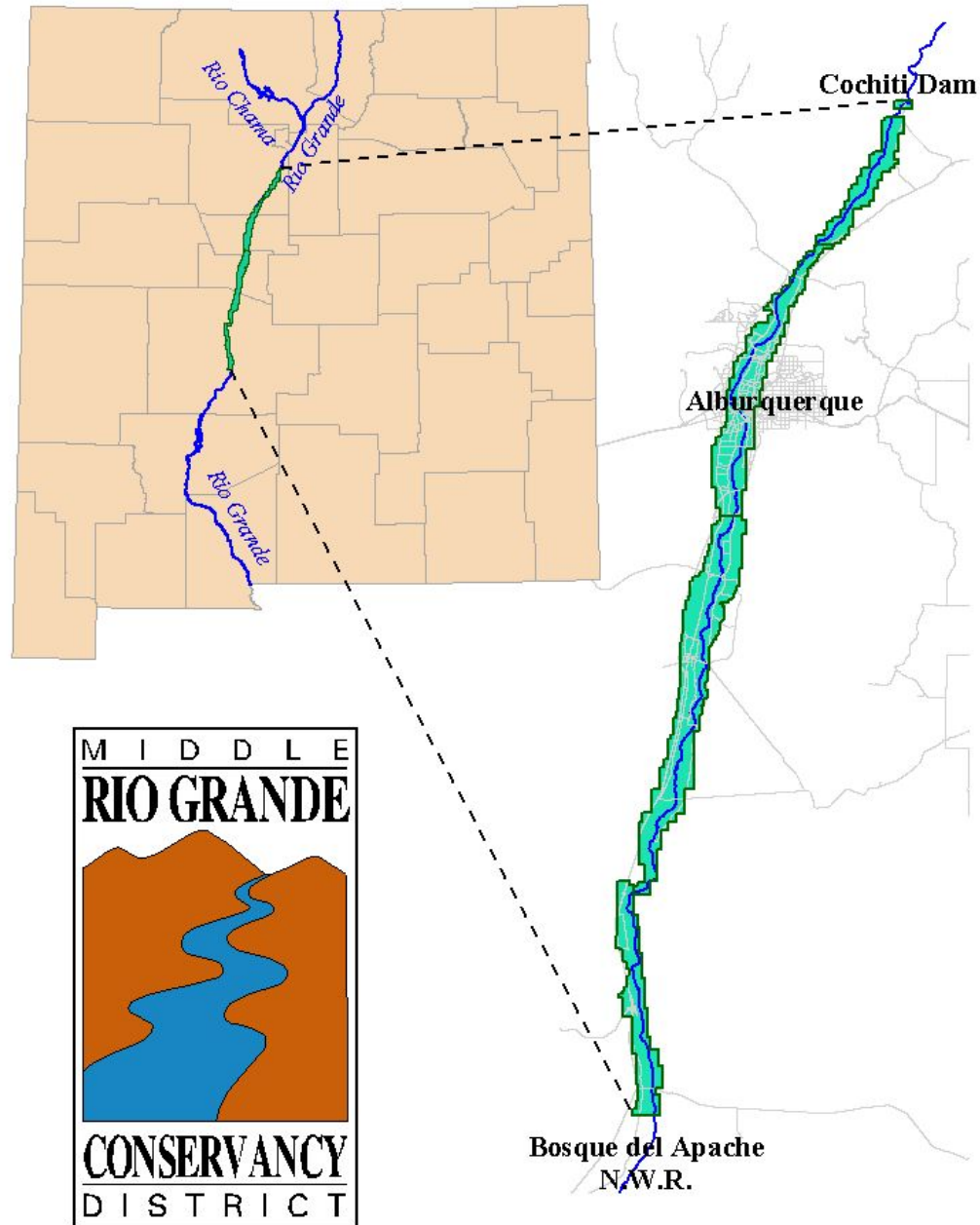
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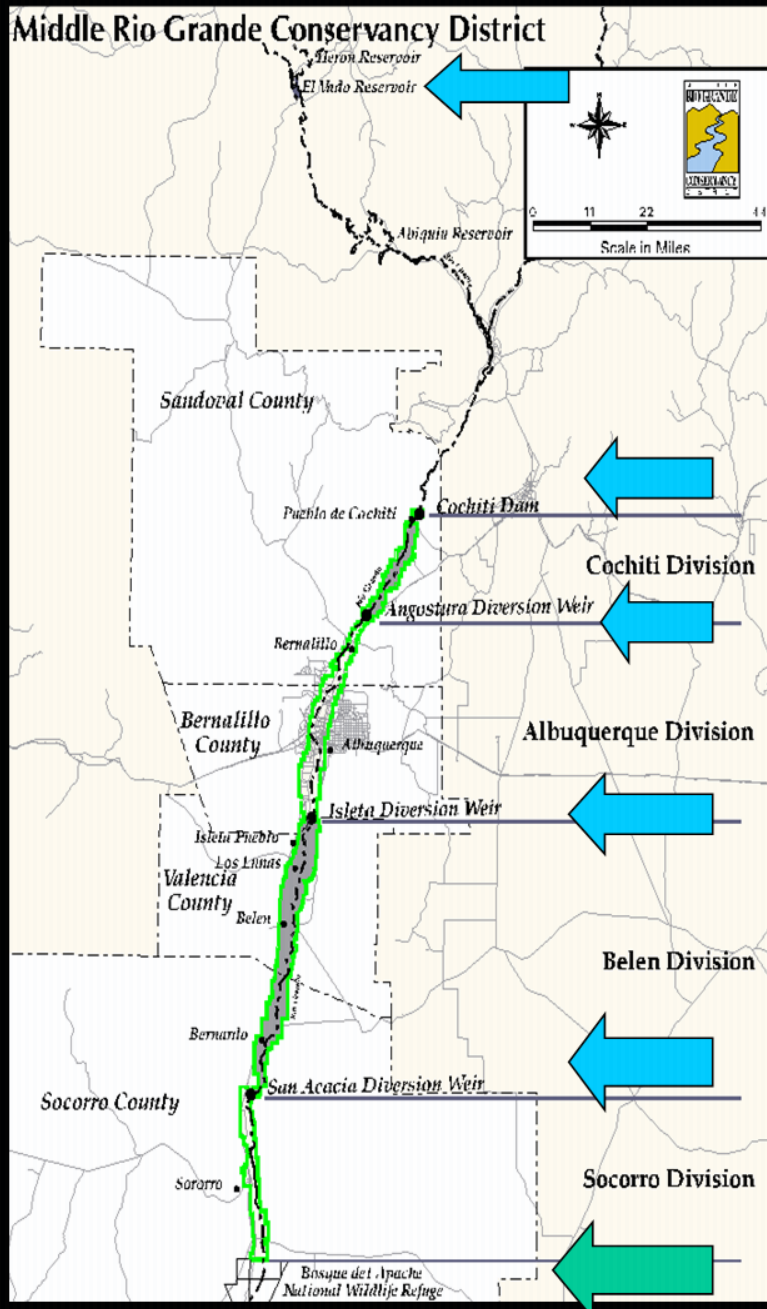
Middle Rio Grande Conservancy District

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# New Mexico





## EL VADO DAM

On the Rio Chama - For water storage

## COCHITI DAM

## ANGOSTURA Diversion Weir

## ISLETA Diversion Weir

## SAN ACACIA Diversion Weir

## Bosque del Apache Refuge

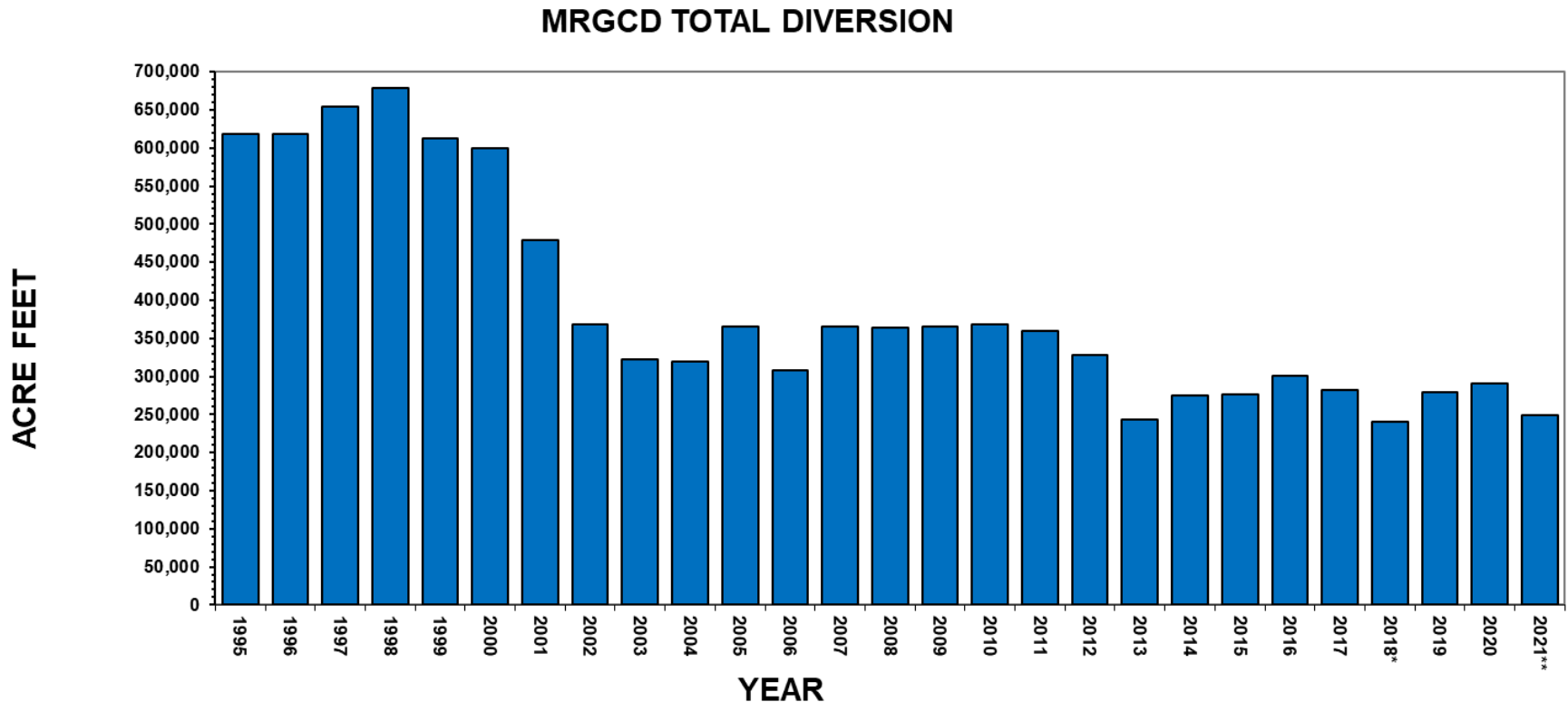
## *MRGCD Mission Statement*

THE MIDDLE RIO GRANDE CONSERVANCY DISTRICT OPERATES, MAINTAINS AND MANAGES IRRIGATION, DRAINAGE, AND RIVER FLOOD CONTROL IN THE MIDDLE RIO GRANDE VALLEY, PROMOTES EFFICIENT AND RESPONSIBLE WATER MANAGEMENT, PROTECTS THE ENVIRONMENT, WILDLIFE AND ENDANGERED SPECIES IN COOPERATION WITH OTHER LOCAL, STATE AND FEDERAL AGENCIES, AND PROVIDES MULTI-USE RECREATIONAL OPPORTUNITIES WITHIN THE MIDDLE RIO GRANDE VALLEY.

# *MRGCD Water Management*

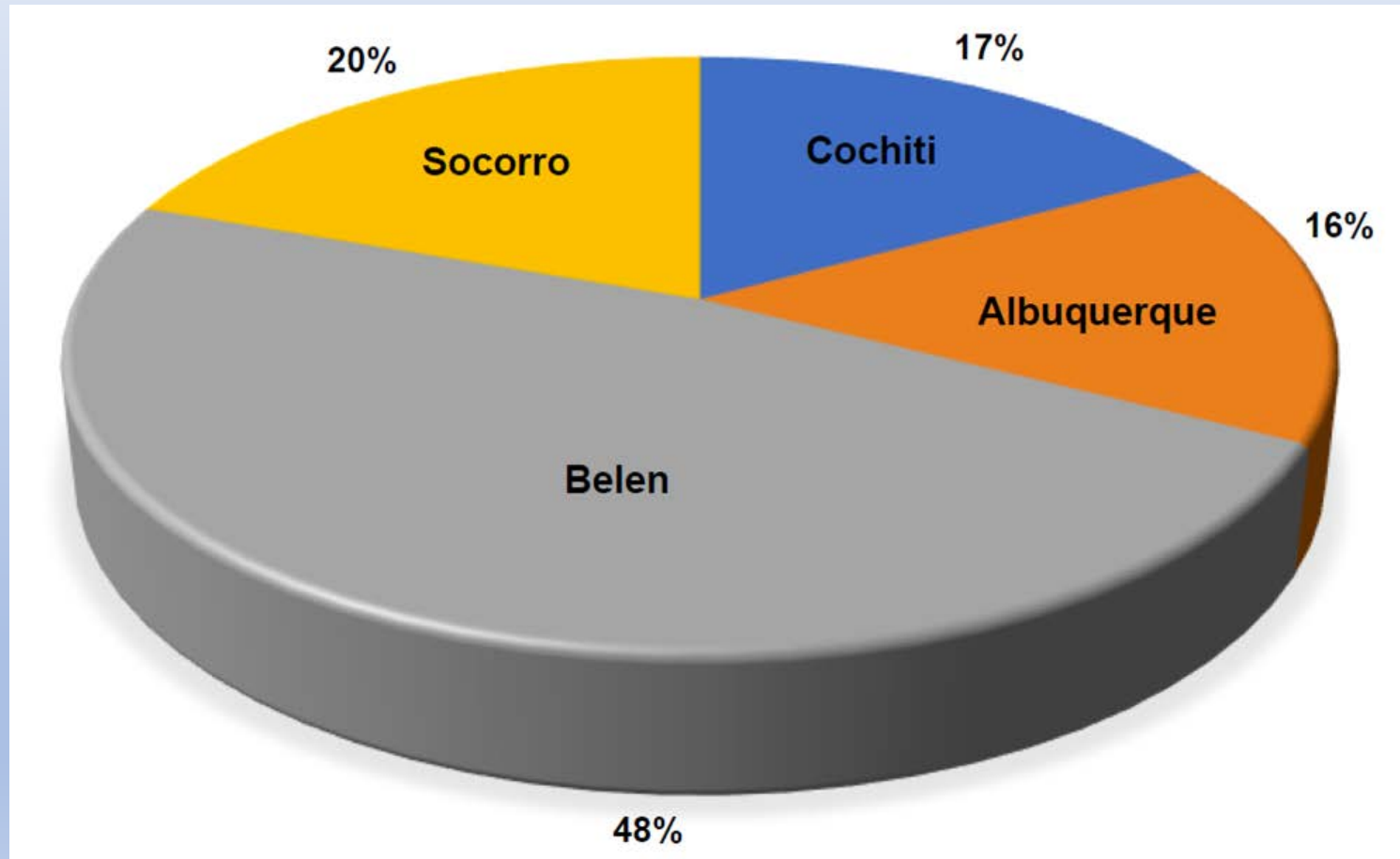
- 1) **Meet irrigation demands** while improving service and increasing system efficiencies: Board Policy is to achieve a minimum efficiency of one hour per acre at the turnout District-wide.
- 2) Operate in a manner that helps to keep New Mexico out of **debit status** to the Rio Grande Compact.
- 3) **Comply with ESA** through application of offsetting commitments and conservation measures in concert with all other agencies' actions to move toward recovery through adaptive management processes.

# *Annual MRGCD Diversions 1995-2021*



The MRGCD lives within its means today, aided by approximately 21K a-f San Juan Chama Project water, external to the Rio Grande Compact.

# *MRGCD Acreage Distribution By Division*



# *Compact Assistance Efforts*

## Calendar Year 2020

- Ended irrigation season early in October

## Calendar Year 2021

- Delayed the start of irrigation season till April
- Adhered to a reduced demand curve for diversions
- Ended the irrigation season in October

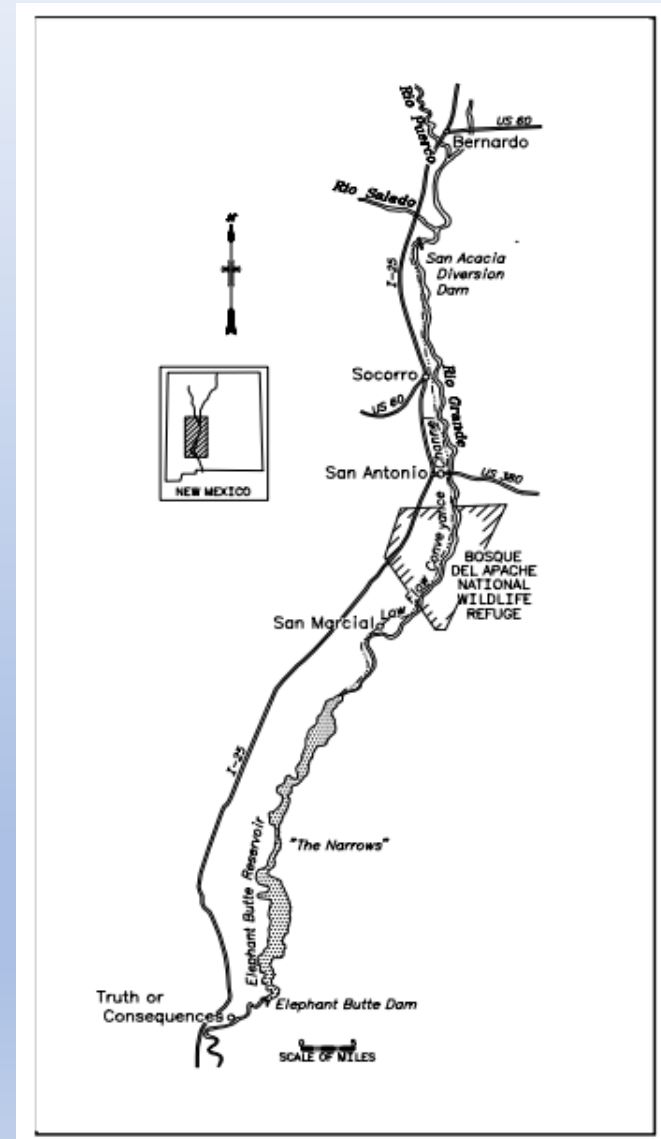
## Calendar Year 2022

- Delayed the start of irrigation season till mid March
- Staggered the charging of the irrigation system
- Diverted no more than 50% of natural flows while the river was fully connected to Elephant Butte
- Following Program



# *Low Flow Conveyance Channel (LFCC)*

- BOR facility constructed in the 50's to reduce consumption of water, provide more effective sediment transport, and improve valley drainage.
- Facility was instrumental in eliminating more than 500,000 ac-ft NM compact debt accrued between 1943 and 1956 by 1972.
- Facility operations were suspended in March of 1985.
- Currently the LFCC serves to collect valley groundwater seepage and irrigation return flows and route them south to EB.
- **MRGCD & the ISC are currently working with the BOR to explore future LFCC operational alternatives.**





# QUESTIONS?

**Middle Rio Grande Conservancy District**  
**Keeping the Valley Green**