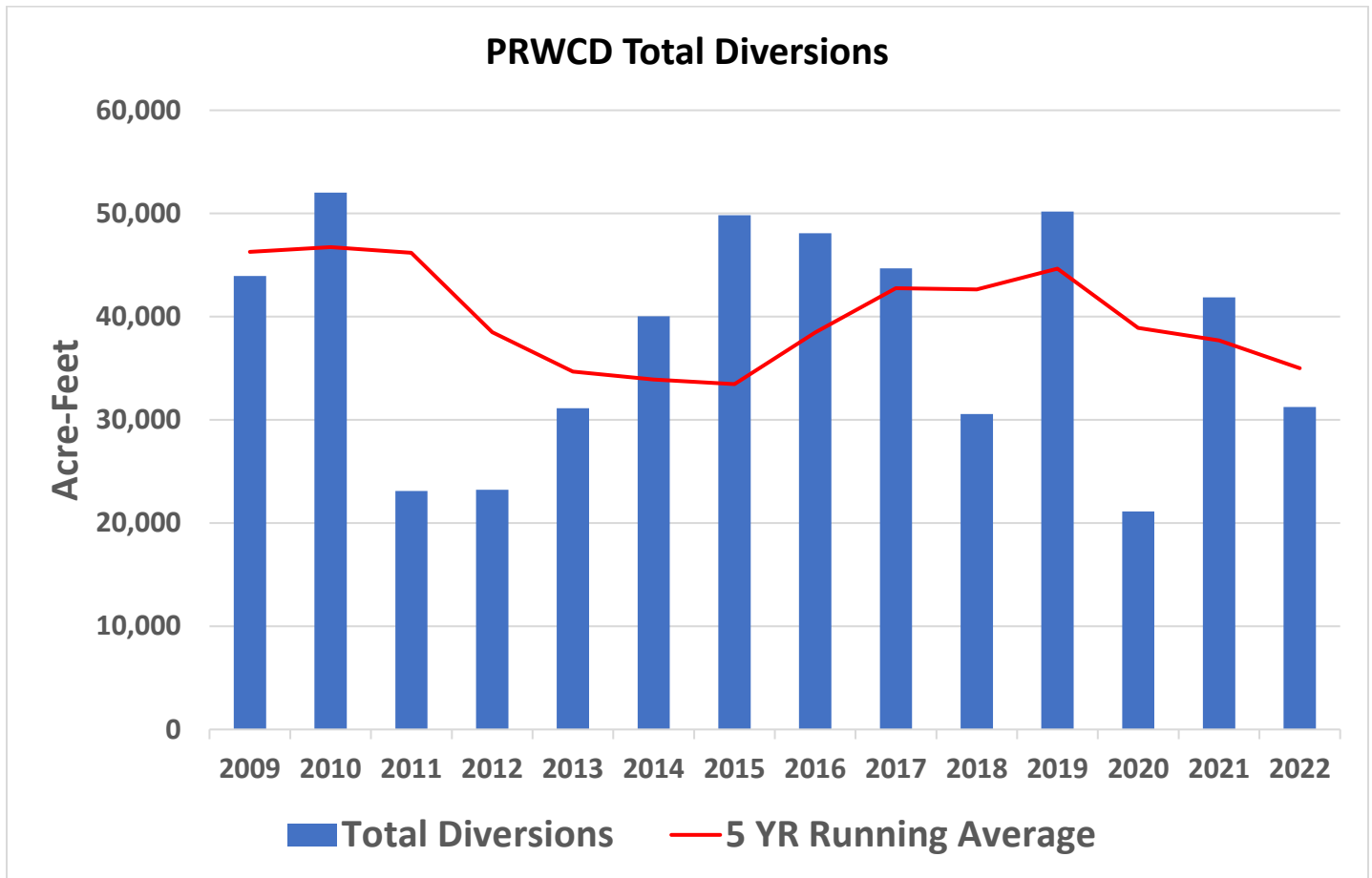


PURGATOIRE RIVER WATER CONSERVANCY DISTRICT

ARKANSAS RIVER COMPACT ADMINISTRATION MEETING PRESENTATION

DECEMBER 8, 2022



PRWCD 2022 Diversions:

Total Diversions for 2022 = 31,261 ace-feet.

Project Administration Diversion Component = 29,522 acre-feet.

Priority Administration Diversion Component = 1,739 acre-feet.

Purgatoire River basin snowpack:

March 1: 69% of normal.

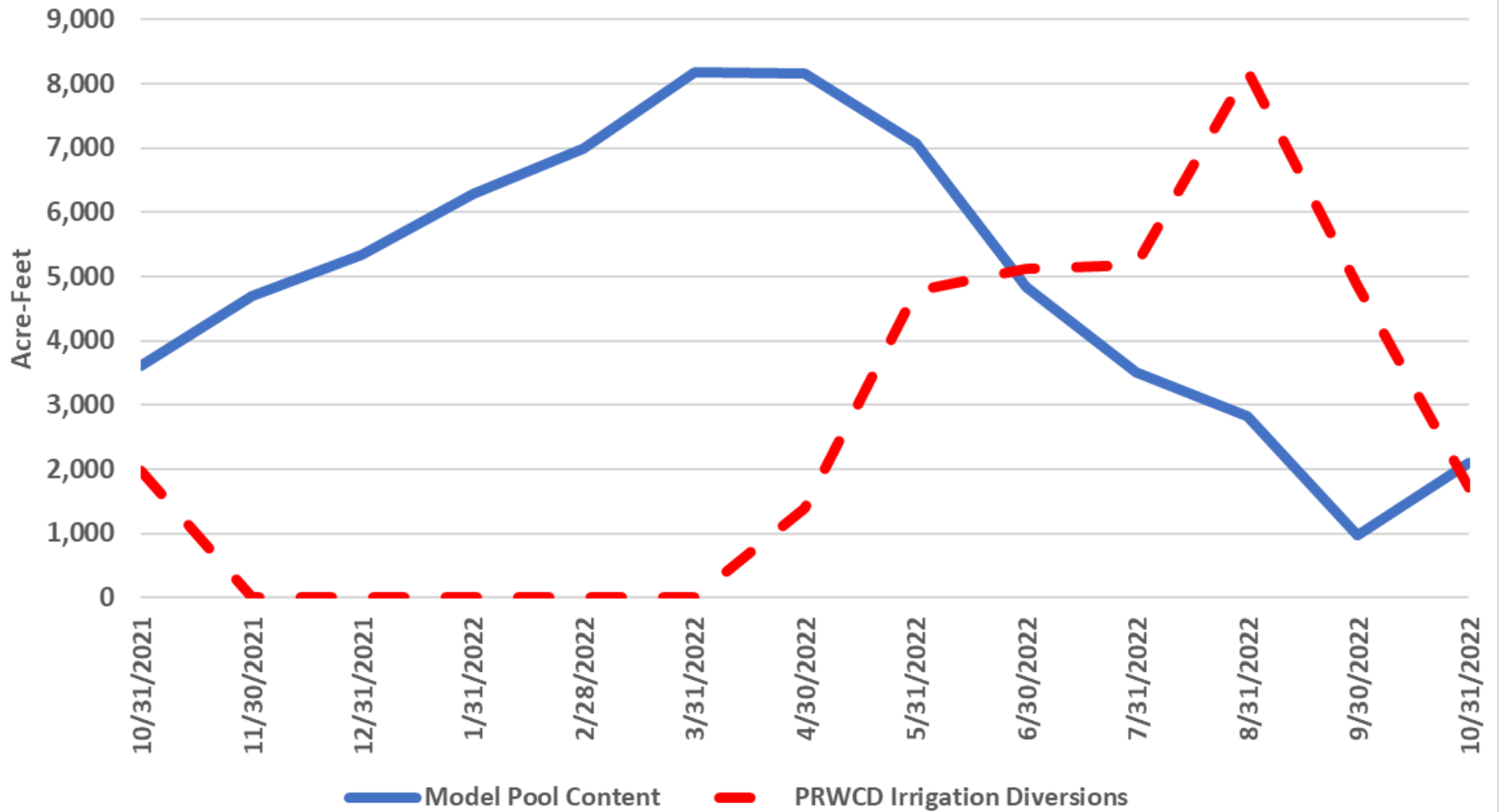
April 1: 81% of normal.

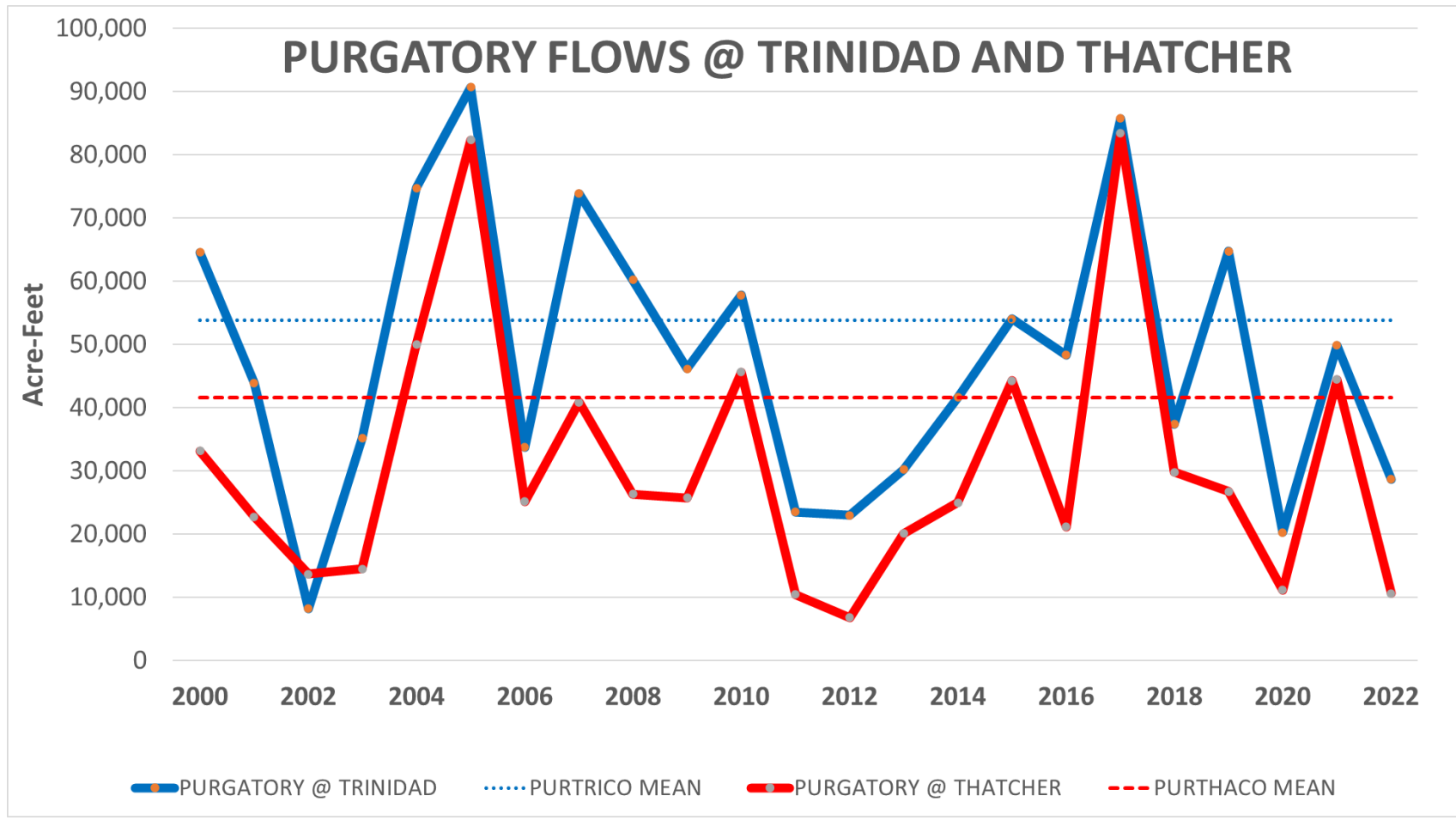
May 1: 4% of normal.

The Model Pool in Trinidad Reservoir reached its maximum content of 8,199 acre-feet on April 1, 2022 following Non-Irrigation Season storage.

No Model Pool Storage occurred after the Irrigation Season began.

# Model Pool Contents & PRWCD Diversions - 2022





Below average water year.

Purgatoire River @ Trinidad flows = 28,638 acre-feet, 53% of average.

Purgatoire River @ Thatcher flows = 10,608 acre-feet, 25% of average.

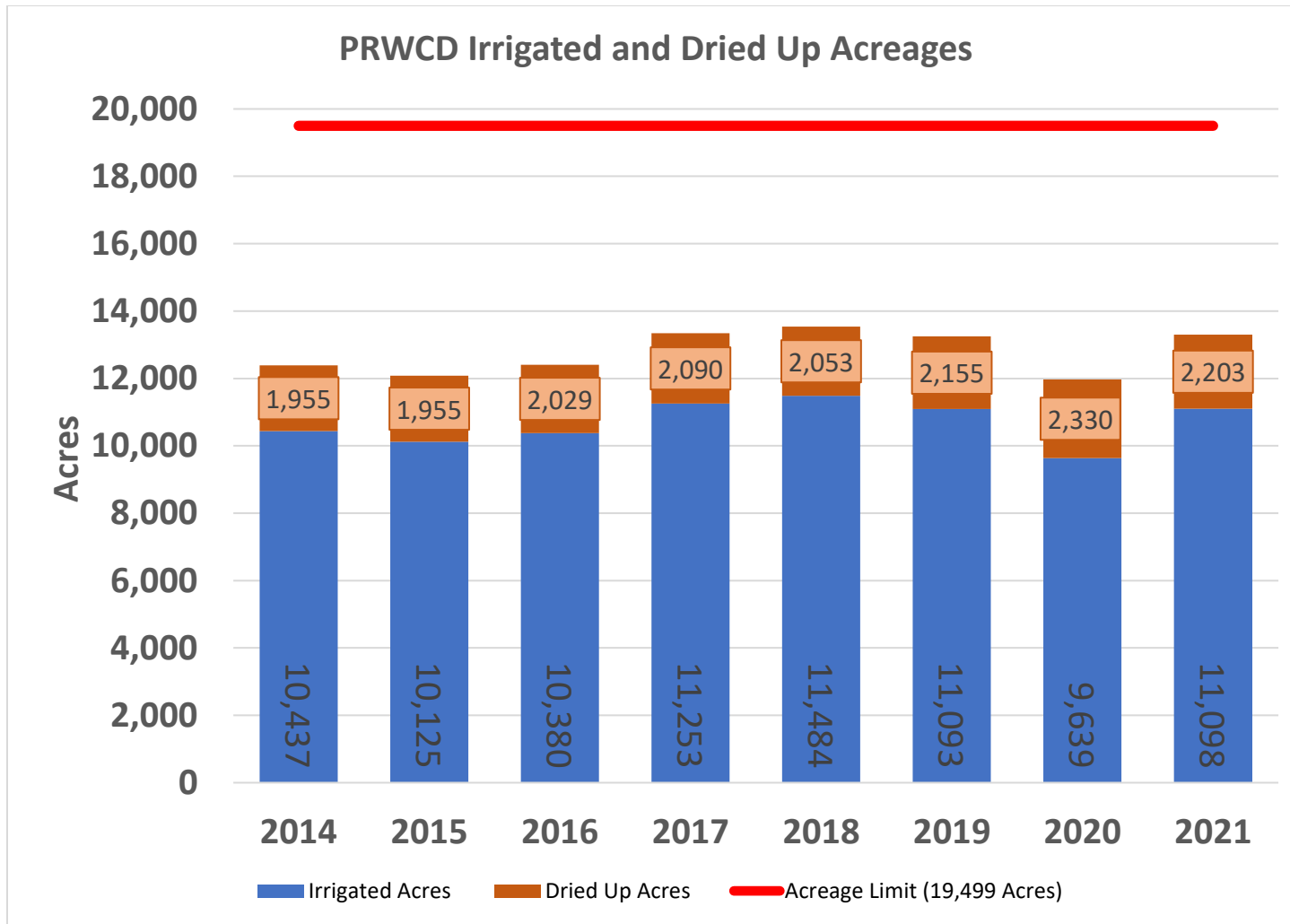
Very little water was required to be passed through the District to downstream calls although substantial July-August monsoon moisture occurred within the PRWCD.

## PRWCD Ditch Headgate Improvement Project



Enlarged Southside Ditch – New headgate installation – November 16, 2022

Plan to install new headgates on the Model Canal and Hoehne Ditch yet this Non-Irrigation Season.



Irrigated Acreage Survey Results for 2021.

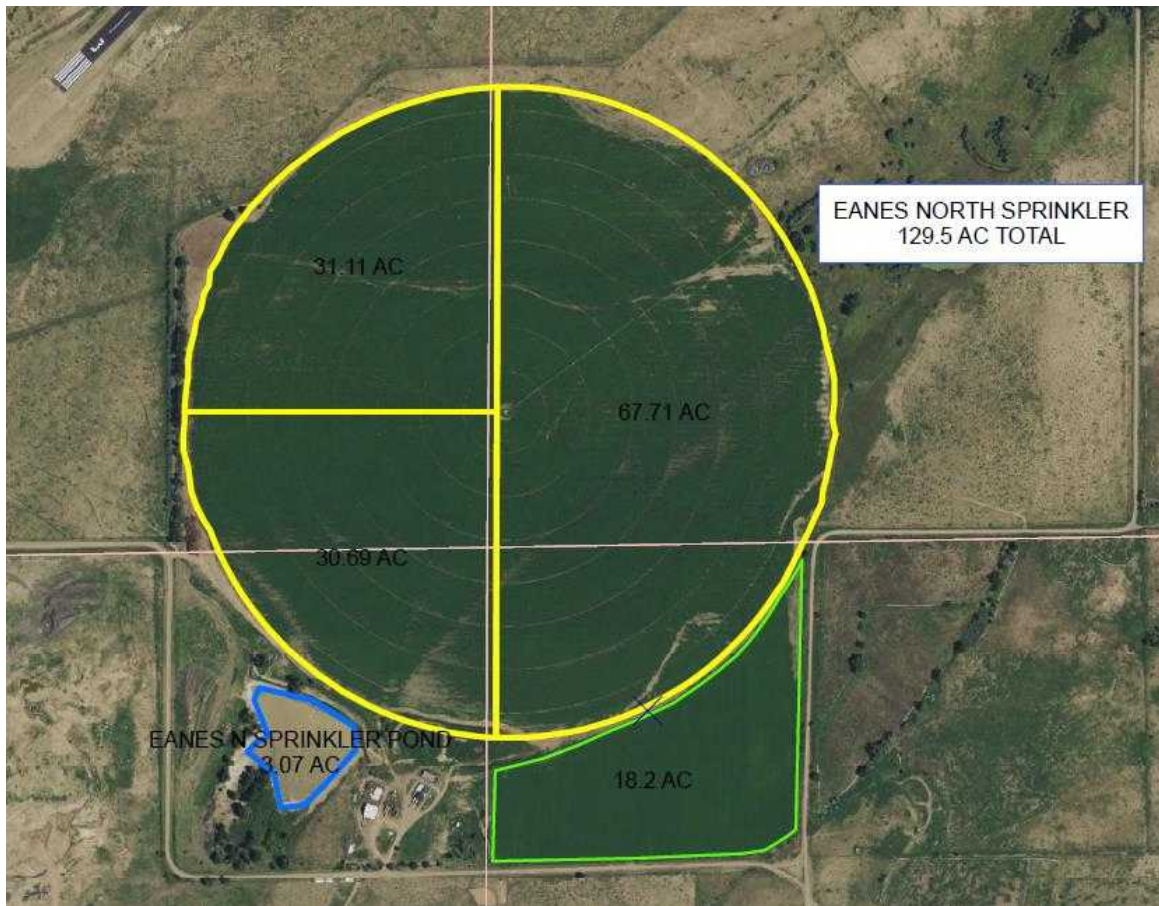
Total irrigated and dried up acreage for 2021 was 13,301 acres. A total of 19,499 acres are allowed to be irrigated by the Trinidad Project pursuant to the Operating Principles.

Survey work by the District and the Water Commissioners was conducted in August and September this year. Results from the Division Engineers Office are anticipated by this coming February 2023.

## PRWCD Irrigation Improvement Rules Plan

State Engineer's Office approved the PRWCD's proposed Irrigation Improvement Rules Plan to allow for use of 24 center pivot sprinklers to operate for the 2022 Irrigation Season

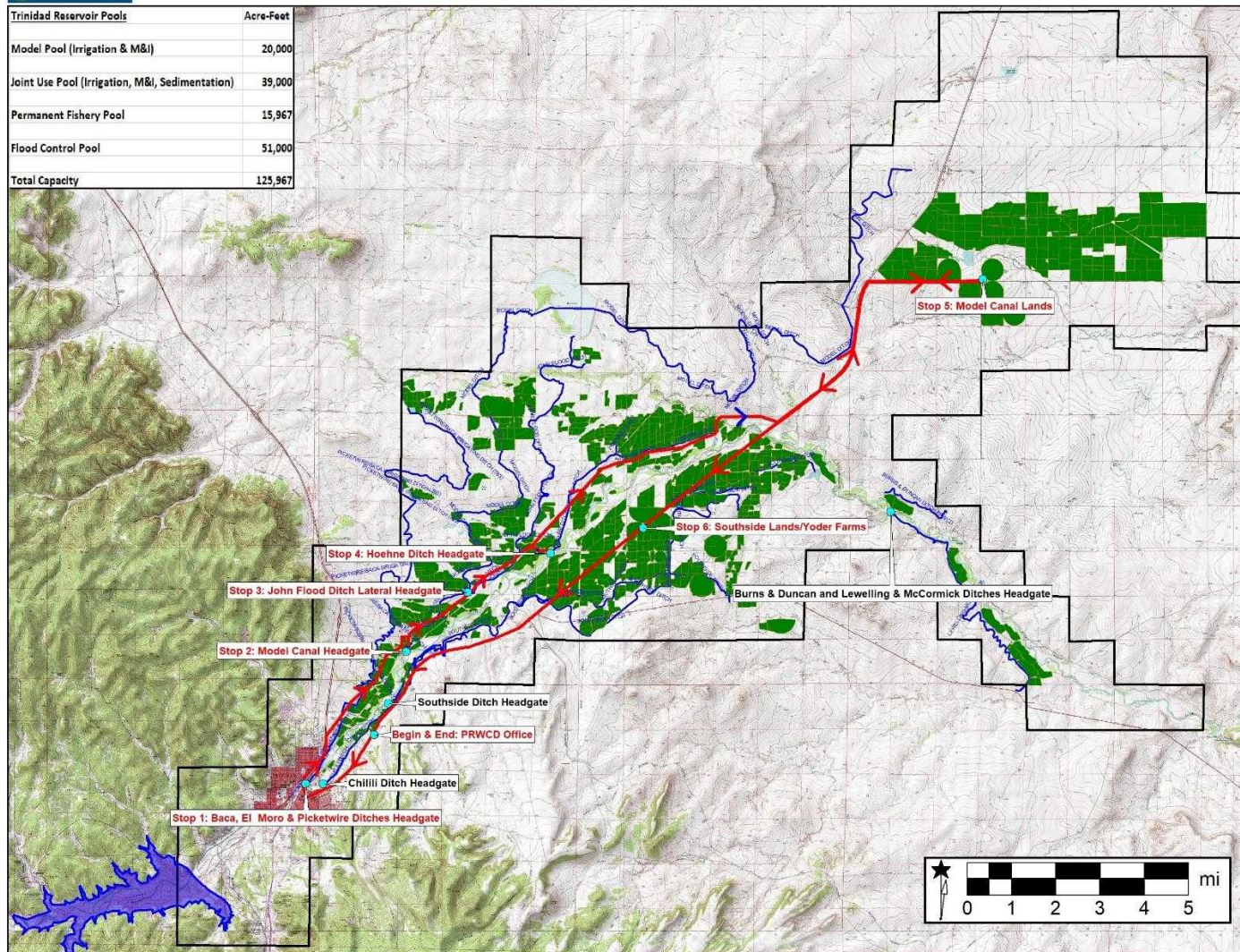
2022	24 Sprinklers,	1,883 af of diversions
2021	22 Sprinklers,	2,050 af of diversions
2020	18 Sprinklers,	960 af of diversions
2019	16 Sprinklers,	1,652 af of diversions



A total of **115 acre-feet of replacement waters** were or will be supplied back to the Purgatoire River from ditch return flow structures, reusable return flows or from releases of waters directly from Trinidad Reservoir.

## Trinidad Project Tour – August 12-13, 2022

Trinidad Project participants provided a tour of the project area. Information was provided by the Corps of Engineers, Colorado Parks & Wildlife, City of Trinidad and the PRWCD. A tour of the Trinidad Dam was provided by the Corps of Engineers and the PRWCD provided a tour of some of the ditch systems.



## Baca/Picketwire Ditch Diversion Works Improvements



Baca/Picketwire Ditch Diversion Dam area with "Island" (2021).





Baca/Picketwire Ditch Diversion Dam area with “Island” removed (March 2022).