



ABWC Annual Meeting

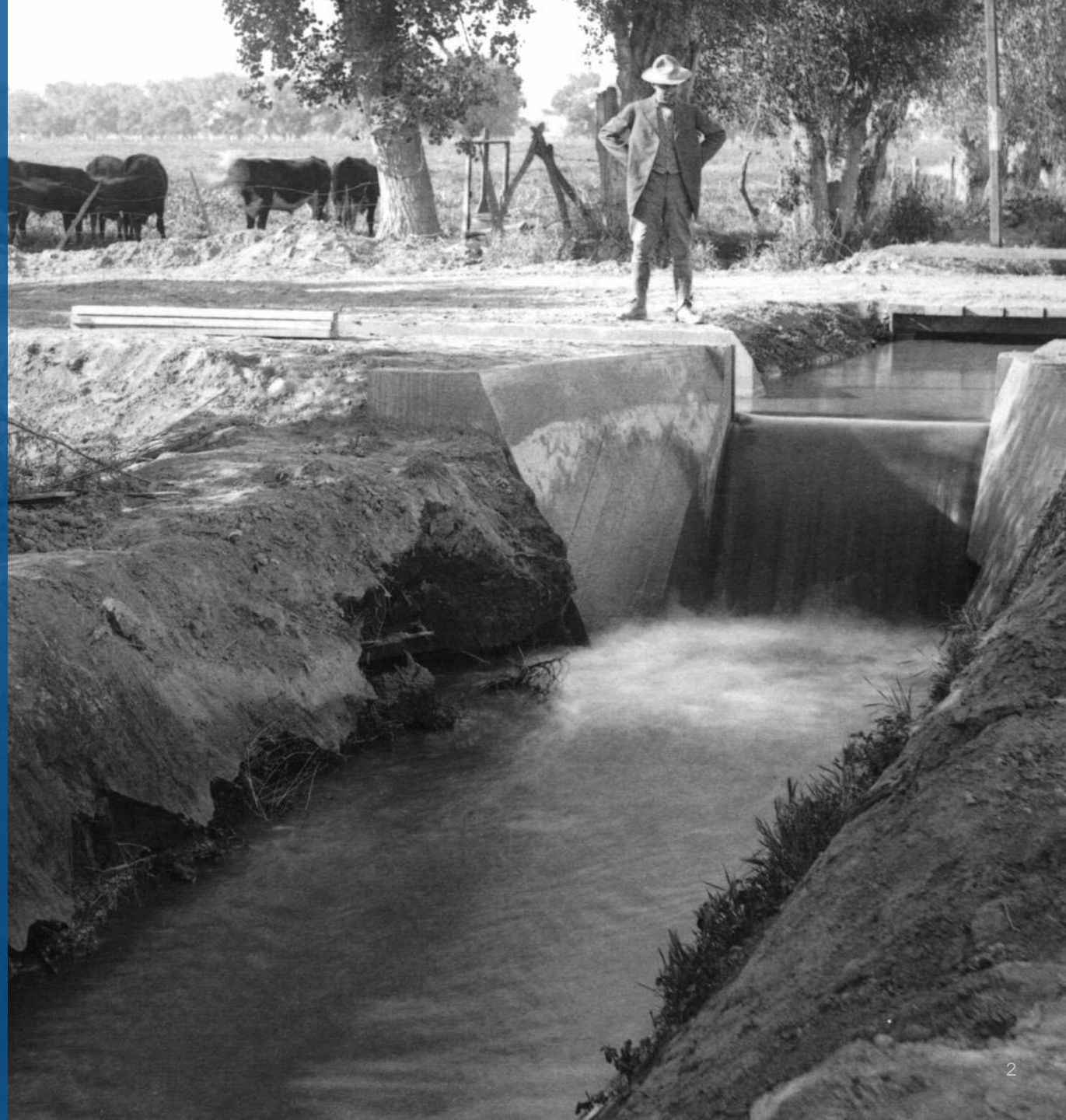
Verde River and Salt River Watershed August 23, 2024

**Leslie Meyers, Salt River Project
Associate General Manager, Water Stewardship**



SRP History

- Delivering water to the Valley since 1903
- One of the first projects in the United States under the Federal Reclamation Act.
- SRP's first power service to the Valley was 1909

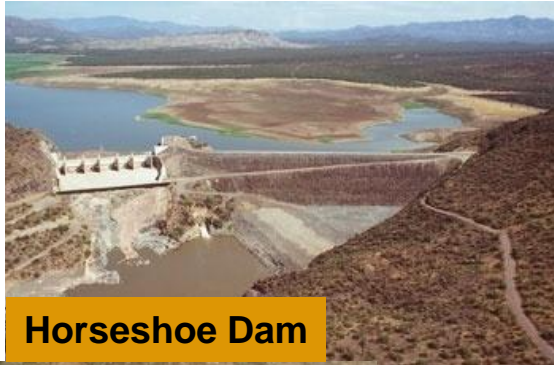


ARIZONA'S WATER SUPPLY



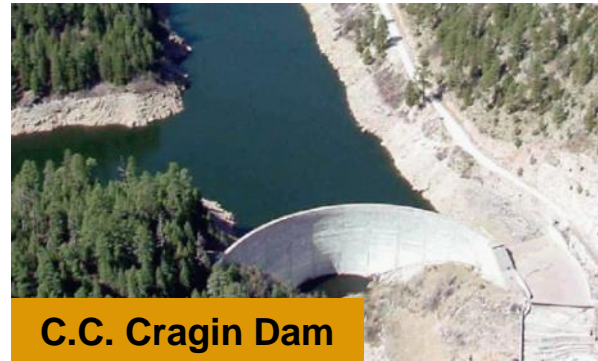
Salt River Project Reservoir System

Total Storage Capacity
4,072,279 / 2,292,904 Acre-Feet



Horseshoe Dam

East Clear Creek



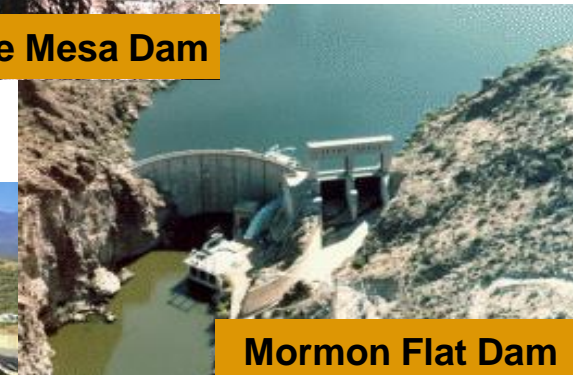
C.C. Cragin Dam



Horse Mesa Dam



Roosevelt Dam



Mormon Flat Dam



Stewart Mtn Dam

Salt River



Bartlett Dam

Verde River

Water Banking Facilities

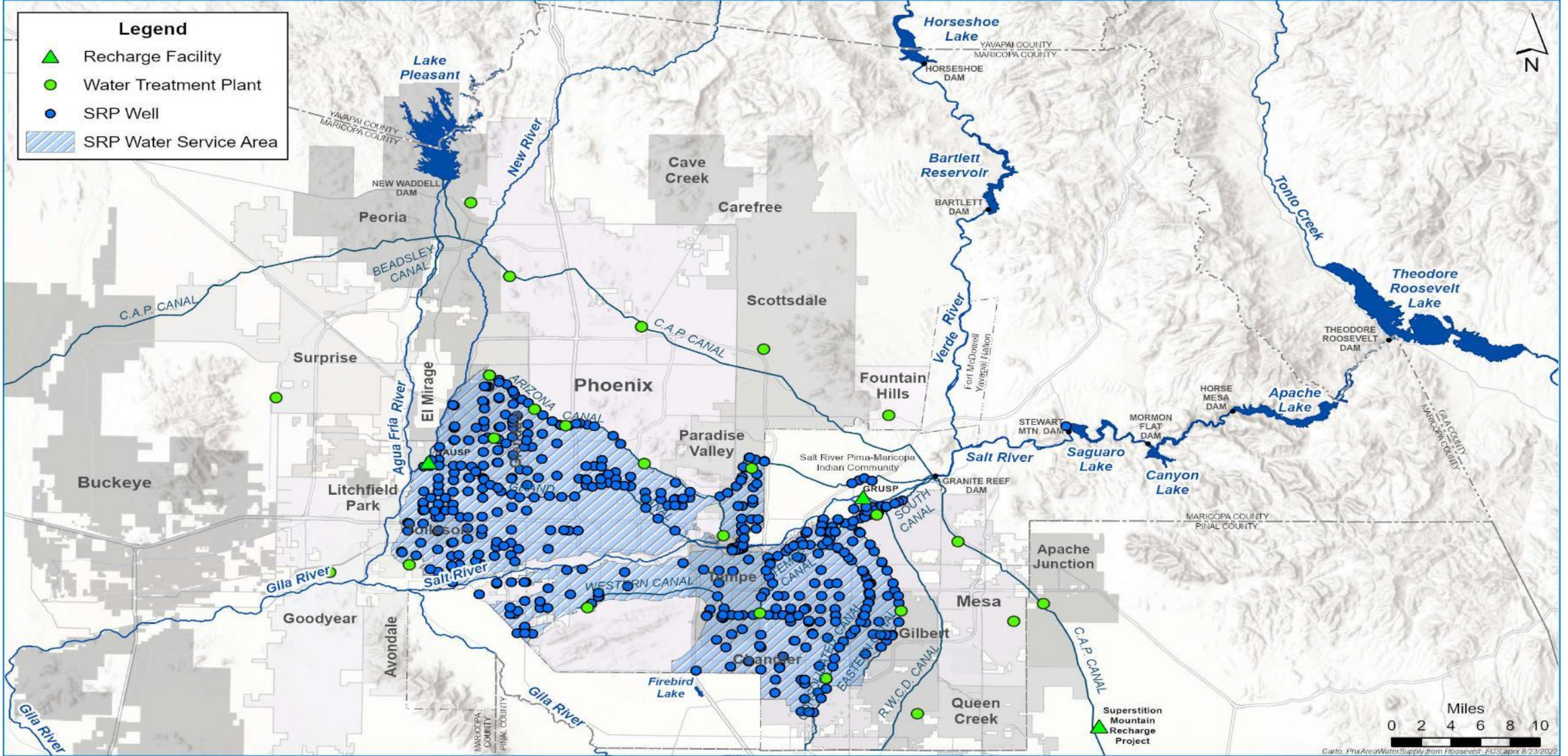
New River/Agua Fria River Underground Storage Project



Granite Reef Underground Storage Project



Salt River Project Water System & Groundwater Wells



Key Focuses for SRP Water Stewardship

- Water storage and delivery for Project lands and shareholders
- Protecting shareholder water rights
- Leaders in regional water resiliency
 - Forest restoration
 - Reoperation of Roosevelt Flood Control Space
 - Modifications to Bartlett dam
 - Full integration of the SRP/CAP systems
 - Recovery of stored water for storage partners

SRP Watersheds

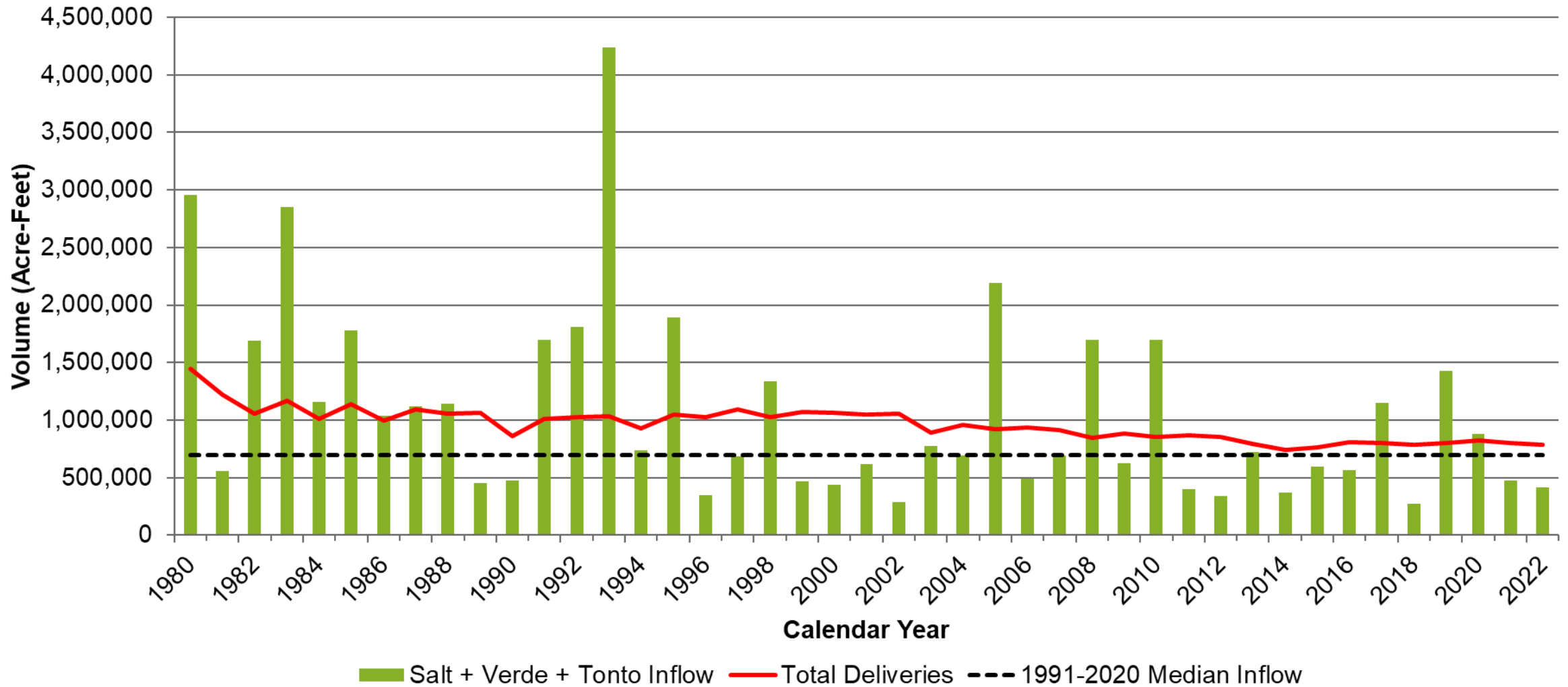
We deliver 750,000 acre-feet of water each year to our water service area of 240,000 acres.

Water originates from snowmelt across 8.3 million acres of 3 forested watersheds.

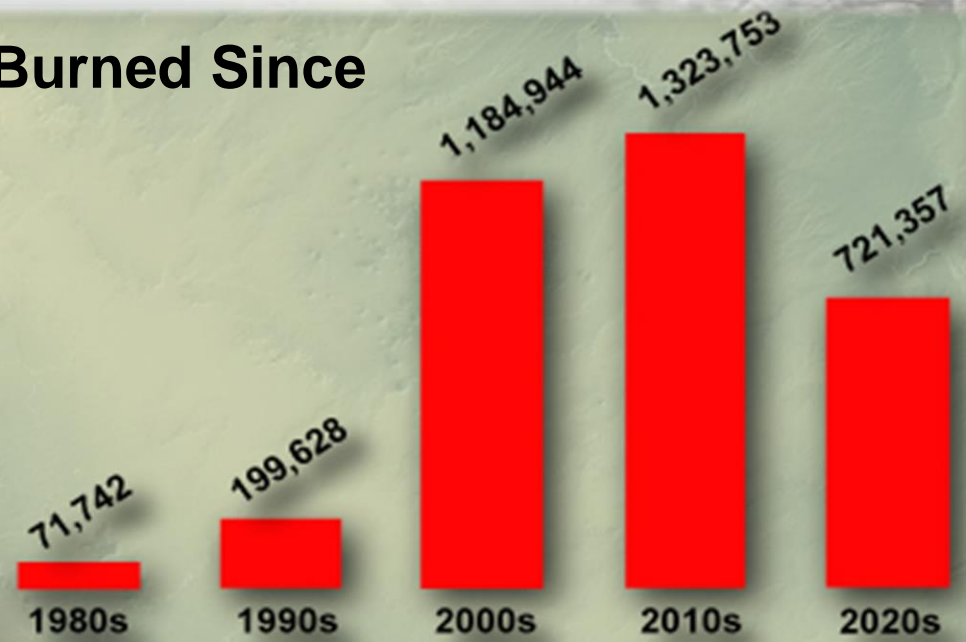
Over 1 million forested acres are unhealthy, overgrown, and at high risk of catastrophic wildfire.



Inflow and Delivery Trends



Almost 3.5 Million Acres Burned Since 2000



Bush Fire (2020)
193,455 Acres

Rodeo-Chediski Fire (2002)
460,561 Acres

Wallow Fire (2011)
538,049 Acres

Woodbury Fire (2019)
123,870

Telegraph Fire (2021)
180,613

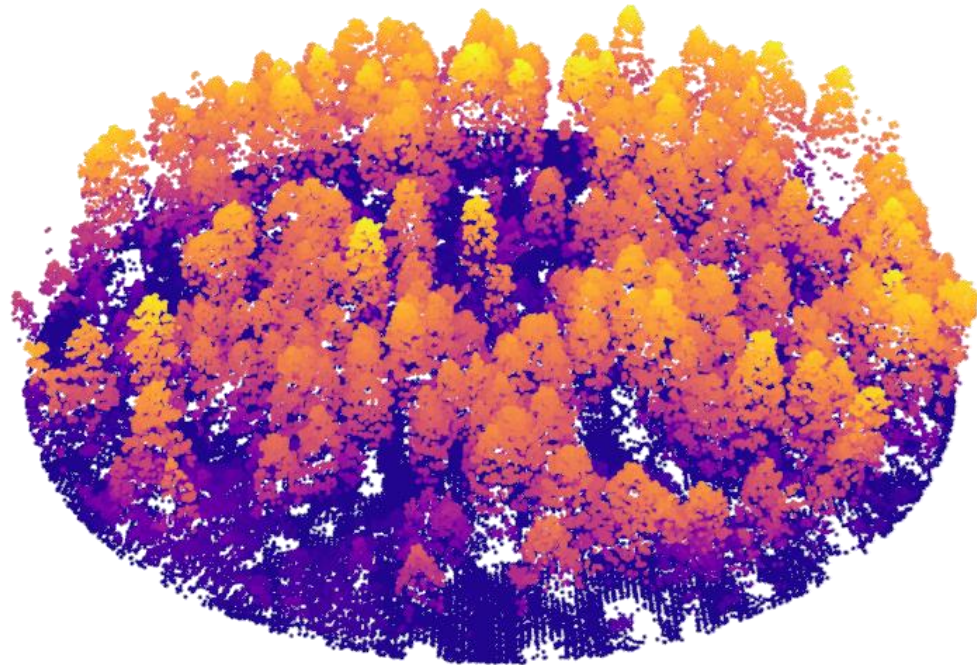
PHOENIX

Collaboration and Partnerships

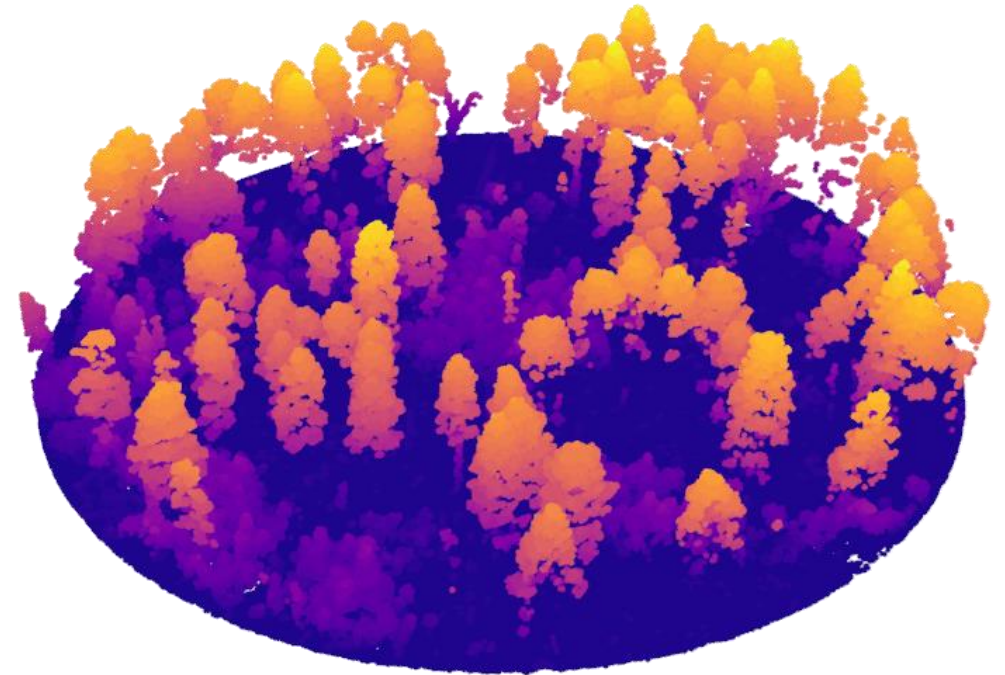


Pre/Post- Lidar of Thinning Project

2013 above-ground LiDAR in meters, pre-treatment.



2023 above-ground LiDAR in meters, post-treatment.



Operational Flexibility in Roosevelt Dam Flood Control Space



357'

SAFETY OF DAMS SPACE
357' - 1,223,169 AF

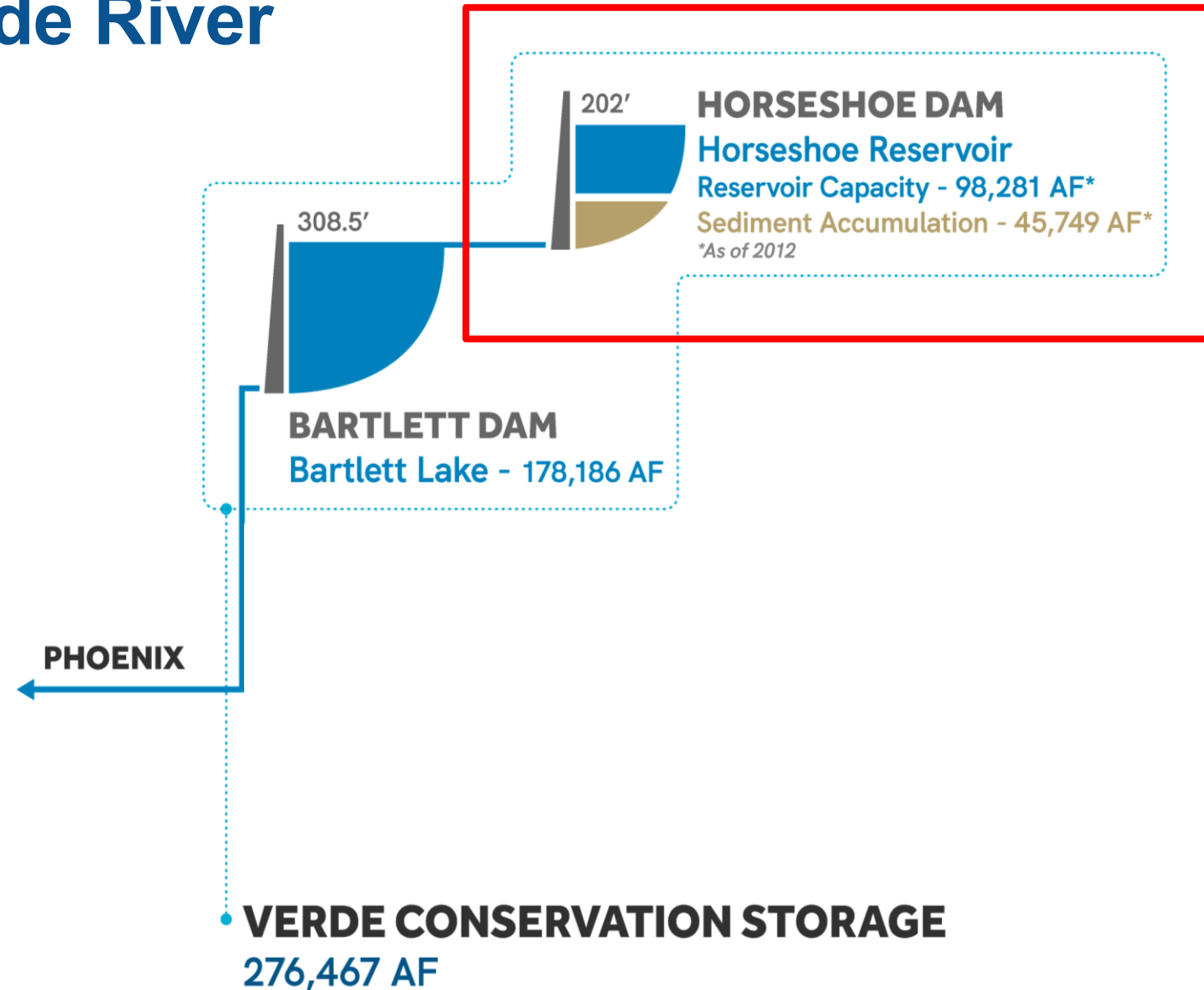
FLOOD CONTROL SPACE
314' - 556,206 AF

CONSERVATION STORAGE SPACE
290' - 1,631,532 AF

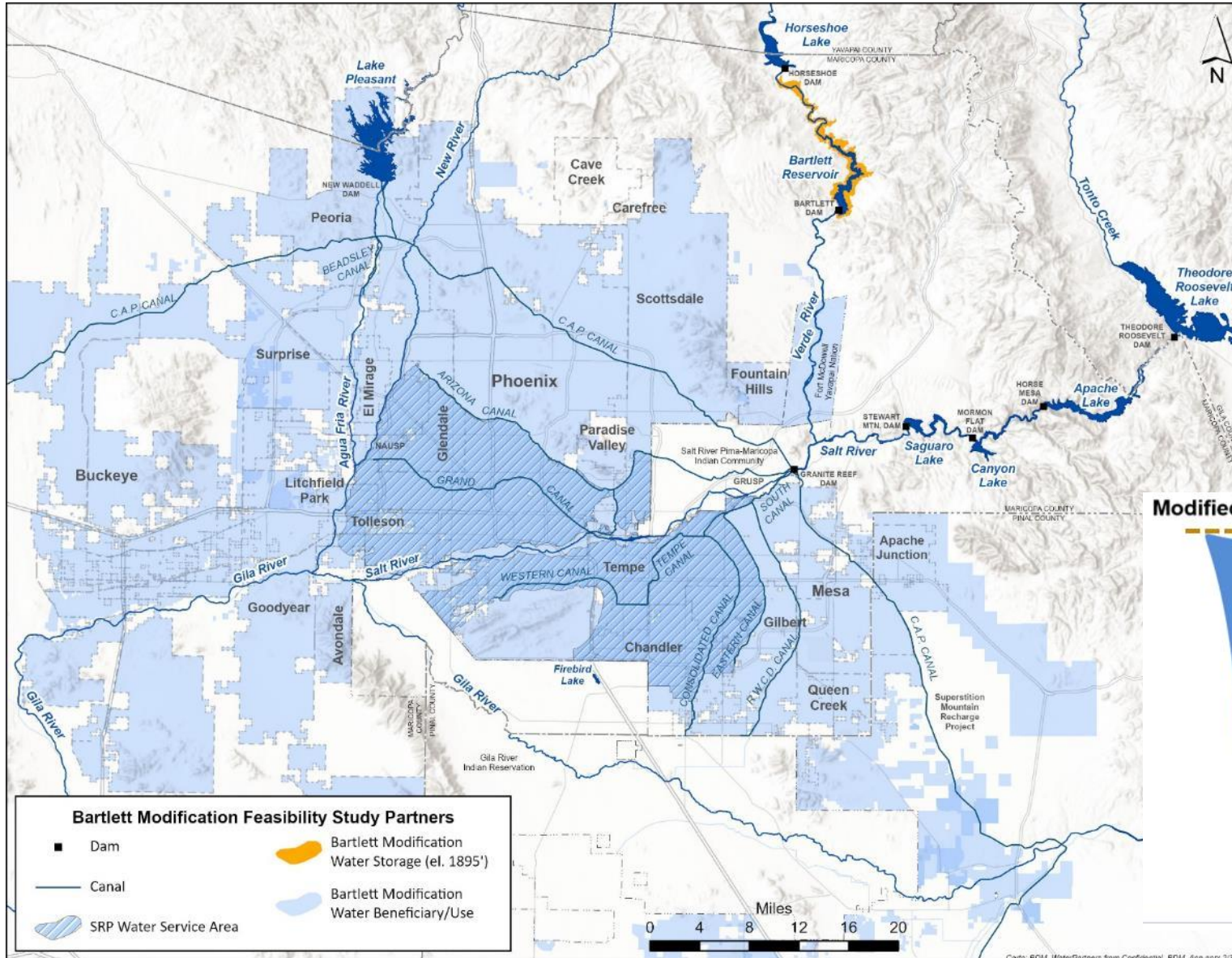
ROOSEVELT DAM

Sedimentation on the Verde River

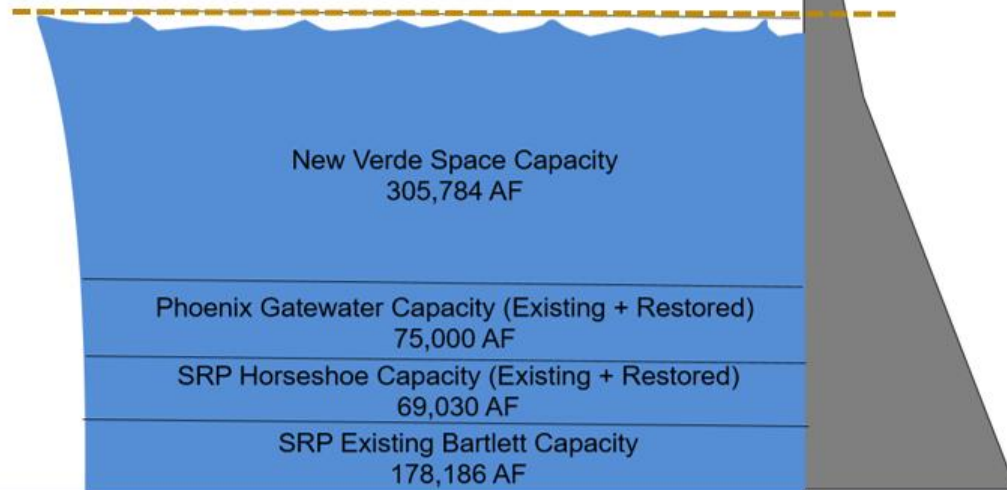
- Horseshoe Reservoir has lost ~40% of original storage capacity since construction
- Address lost capacity by increasing storage at Bartlett Reservoir & undersize Verde River reservoir system
- Create a new source of water for Central Arizona water users



Bartlett Dam Modification



Modified Bartlett Dam Total Conservation Capacity: 628,000 AF



CSIF - CAP/SRP Interconnection Facility



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thank you!