Cadiz

Clean Water Solutions

NASDAQ: CDZI

New reality

Climate change and water:

- **Unpredictable water supply:** extreme drought, atmospheric rivers, groundwater depletion.
- **Inadequate storage:** existing reservoirs designed for predictable snowmelt and flood control cannot handle extreme swings in supply — limited ability to capture and store surplus water.
- **Failing infrastructure:** extreme weather stressing aging infrastructure — levees, canals, dams, reservoirs.
- **Aridification:** permanent reductions in river flows to State Water Project, Colorado River and groundwater basins.
- **Groundwater contamination:** severely depleted groundwater basins concentrate pollutants — growing contamination is a recognized public health emergency.

Satellite images of Lake Mead 2000 – 2022

Play Video: https://youtu.be/G8dhojlCrEE

About Cadiz

New water supply

- Largest private landowner in Mojave Desert — 45,000 acres of land with water rights
- < 30+ million acre-feet of water in aquifer — 2X the amount of water in Lake Mead
- Permits to withdraw 2.5 million acre-feet of groundwater over 50 years

Groundwater storage

- 1 million acre-feet of additional groundwater storage capacity in aquifer

Pipeline infrastructure

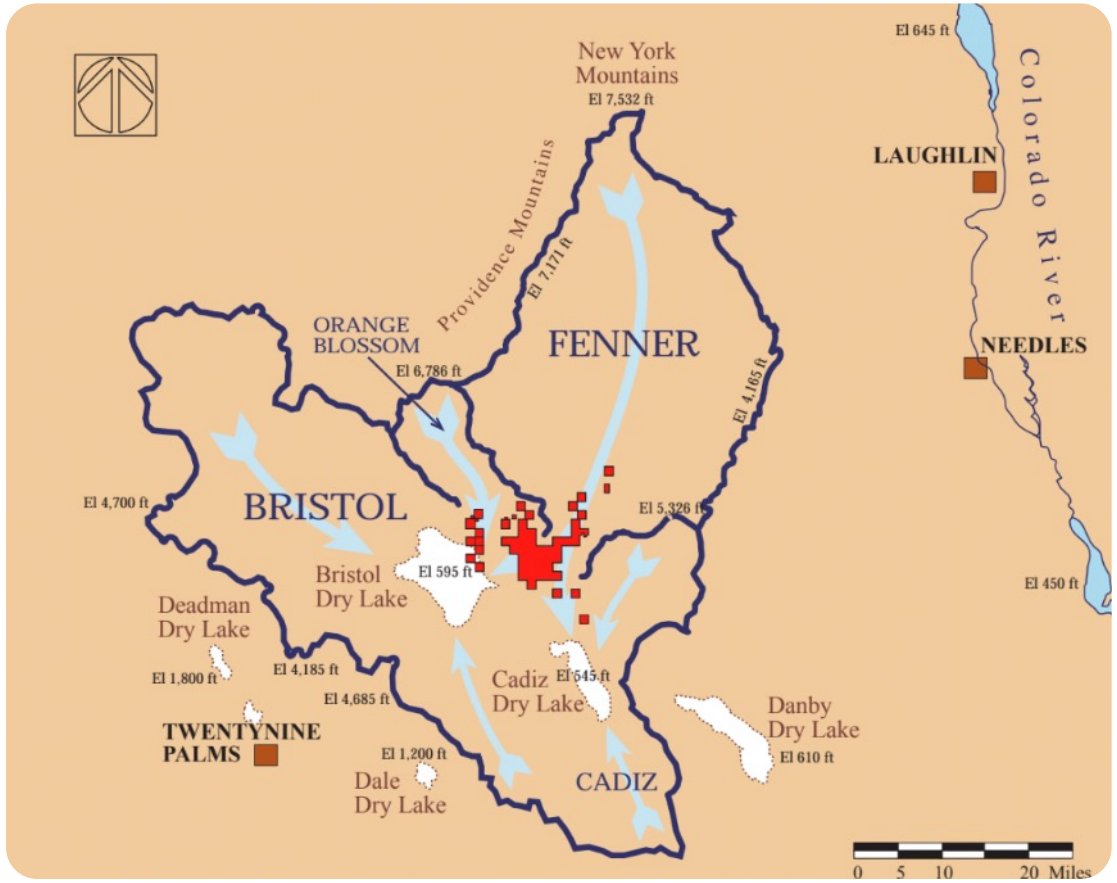
- 220 miles of existing pipeline that cross major Northern California water systems
- ROW to build 43-mile new pipeline to Colorado River Aqueduct

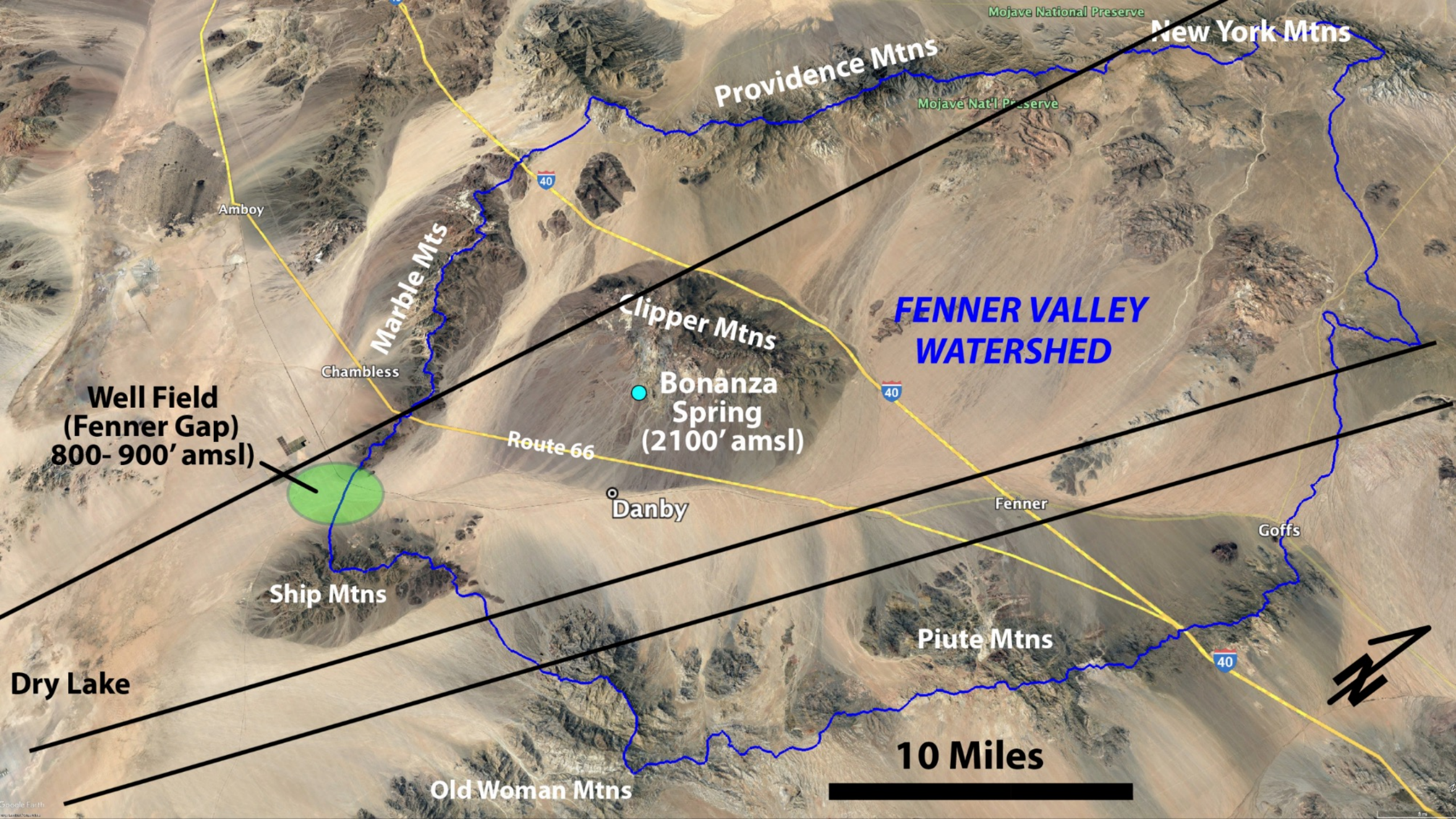
Water filtration technology

- Acquired ATEC Water Systems in fall 2022. 450 systems installed to date.

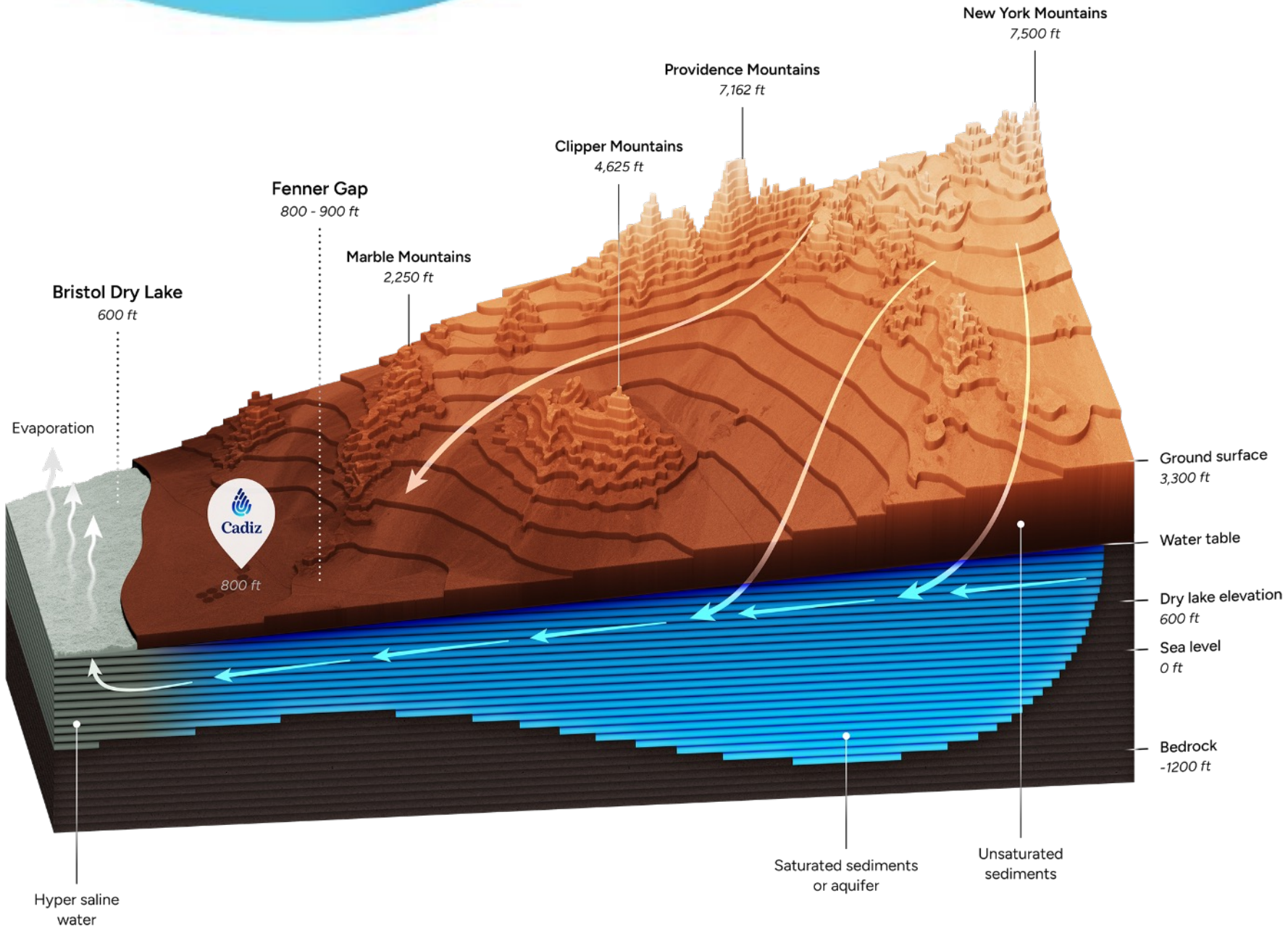
Closed basin watershed system

All water flows to the lowest elevation and evaporates




Mojave National Preserve
New York Mtns
Providence Mtns
Mojave Nat'l Preserve
40
Amboy
Marble Mts
Clipper Mtns
FENNER VALLEY
WATERSHED
Chambless
Well Field
(Fenner Gap)
800- 900' amsl)
Bonanza
Spring
(2100' amsl)
Route 66
40
Danby
Fenner
Goffs
Ship Mtns
Piute Mtns
Dry Lake
40
N
10 Miles
Old Woman Mtns

Fenner Gap



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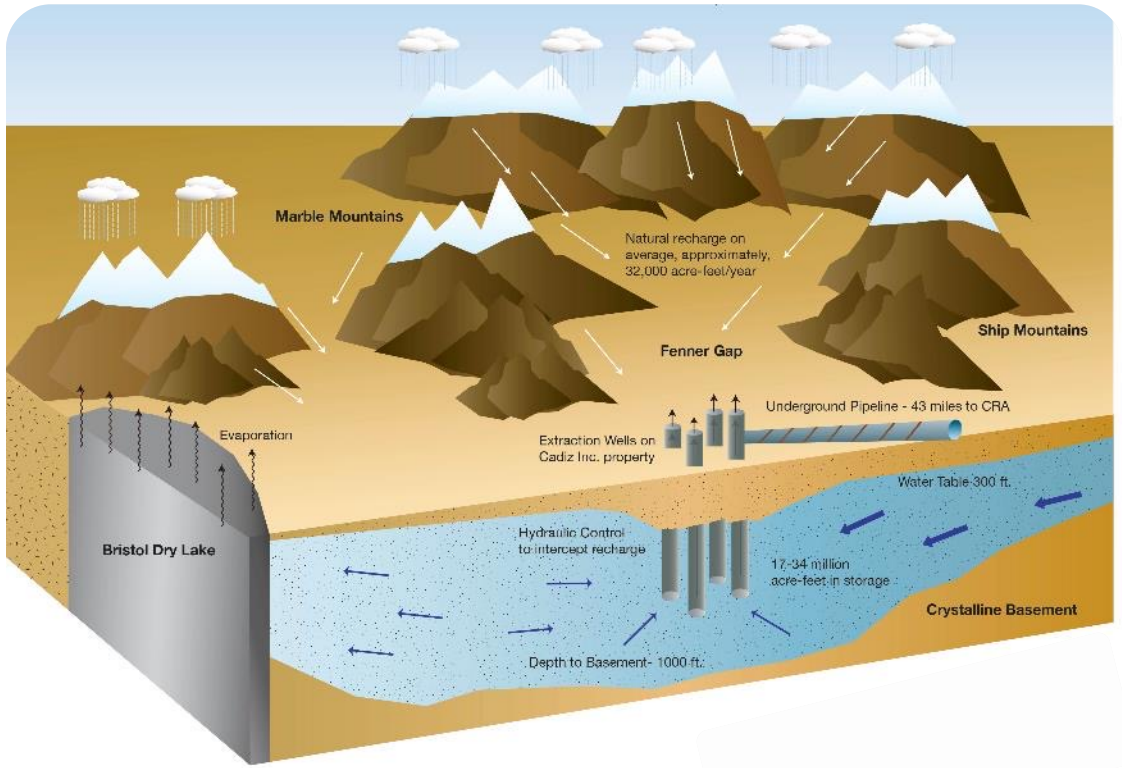
Play Video: https://youtu.be/73h6uheXPD4

Storage: 1 million acre-feet — no evaporative losses

Underground storage bank to store surplus water in wet years and deliver reliable supply during dry years.



Los Angeles Aqueduct
California Aqueduct
Bakersfield
Mojave
California City
North Edwards
Boron
Wheeler Ridge
Hi-Desert Water Bank
Oso (Pumping Plant)
West Branch
Quail Lake
William E. Warne Power Plant
Lake Pyramid
Castaic (Pumped Storage)
Castaic Lake
Rosamond
Lancaster
Palmdale
Acton
Adelanto
Victorville
Hesperia
Silverwood Lake
East Branch
Mojave Pipeline
Yermo
Barstow
Daggett
Northern Pipeline
Lucerne Valley
San Bernardino
Los Angeles
Perris Reservoir
Diamond Valley Lake
MWD Distribution System
Temecula
San Diego Aqueducts
San Diego
Pacific Ocean
Baker
New York Mountains
Providence Mountains
Piute
Needles
Piute Mountains
Clipper Mountains
Marble Mountains
Old Woman Mountains
Fenner Gap
Ship Mountains
Danby
Cadiz
Twentynine Palms
Southern Pipeline (New Construction)
Colorado River
Colorado River Aqueduct
Palm Desert
Blythe
Salton Sea
Coachella Canal
All American Canal
CALIFORNIA
ARIZONA
UNITED STATES
MEXICO
Cadiz Property
Water Body
Mountain
Valley
City
Power Plant
Road
Railway
County Border
State Border
Intl. Border
0 10 20 50 miles

Treatment

ATEC, A Cadiz Solution, is a wholly-owned subsidiary that provides:

- The most effective, affordable, and versatile water treatment filtration technology in the Western United States
- Over 400 systems installed to date
- 60 MGD Central Utah Water District and dozens of
- Community Water Systems (10 GPD minimum)

Effective treatment of the following:

- Iron and manganese
- Arsenic
- Hexavalent chromium
- Other (Nitrates, Ammonia, PFOS/PFOA, Boron)

Cadiz: new solutions

50,000 acre-feet per year of sustainable, reliable and affordable freshwater water supply

1 million acre-feet underground storage capacity. Largest new **groundwater bank in Southern California.**

The **most cost-effective and versatile water filtration technology on the market.**

Pipeline infrastructure to connect new supply and storage with Colorado River and State Water Project systems.

Water conservation and sustainable agricultural in arid climate for 40 years.

Most extensive groundwater monitoring plan in the United States.

Cadiz

Learn More:
www.cadizinc.com