

Clean, reliable, affordable water for people.

**Investor Presentation June 2024** 



NASDAQ: CDZI



#### Safe Harbor Agreement

During the course of this presentation, we may make forward-looking statements. Any statement that is not a historical fact is a forward-looking statement. Forward-looking statements refer to expectations, projections or other characterizations of future events or circumstances about Cadiz Inc. (the "Company"), and such statements include, but are not limited to, statements relating to the progress and plans of the water development project, the expected pricing, value and terms for water supply and storage, and necessary permits required to construct facilities. **Actual results may differ materially from those expressed in these forward-looking statements due to a number of risks and uncertainties, including the factors detailed under the caption "Risk Factors" and elsewhere in the documents we file from time to time with the Securities and Exchange Commission (the "SEC")**, including our annual and quarterly reports. We undertake no obligation to update these forward-looking statements, which speak only as of the date of this presentation.





From one project / one customer to fully-integrated solution provider.

## Yesterday

Satellite imaging identified 30-50 million acre-feet of groundwater in the Mojave Desert. More water than there is in Lake Mead the largest reservoir in the U.S.

**1980s:** Founders begin acquiring and consolidating thousands of acres of land in the Mojave Desert.

**1990s:** Cadiz develops water resources for 10,000 acres of farming, secures water rights 50,000 AF/Y for irrigation.

**2000s:** Secures permits to export average of 50,000 AF per year for 50 years (2.5 MAF) and 1 MAF of imported storage.

**2010s:** Company secures 99-year lease from ARZC railroad and permits to construct the Southern Pipeline within its right-of-way.

## Today

Critical water infrastructure assets located in the fastest growing regions of Southern California

**2021:** Cadiz purchases 220 miles of existing, buried natural gas pipeline that will connect Cadiz water storage and supply to major SoCal water network (Northern Pipeline).

**2022:** Company acquires ATEC Water Systems – water filtration technology to remove iron, manganese, arsenic, nitrates, other water contaminants system

**2023:** Key permits issued by Bureau of Land Management (BLM) for Cadiz to begin development of Northern Pipeline for water conveyance.

**2024:** Cadiz signs est. \$1 billion in water supply agreements for 65% of capacity of the Northern Pipeline.

#### **Tomorrow**

Fully integrated water solutions provider operating the largest groundwater banking project in the Southwestern US

**2024:** Project financing, public agency partners secured for groundwater bank.

**2025** Begin construction on the Northern Pipeline and complete development of the Southern Pipeline. Acquire additional pipelines.

**2026** Begin water supply operation via the Northern Pipeline.

**2027** Begin water supply and storage operations via Southern Pipeline. Both pipelines operational.

**2028** Full operation of all pipelines, water supply, storage and treatment facilities for delivering, exchanging trading water resources in the Southwestern U.S.



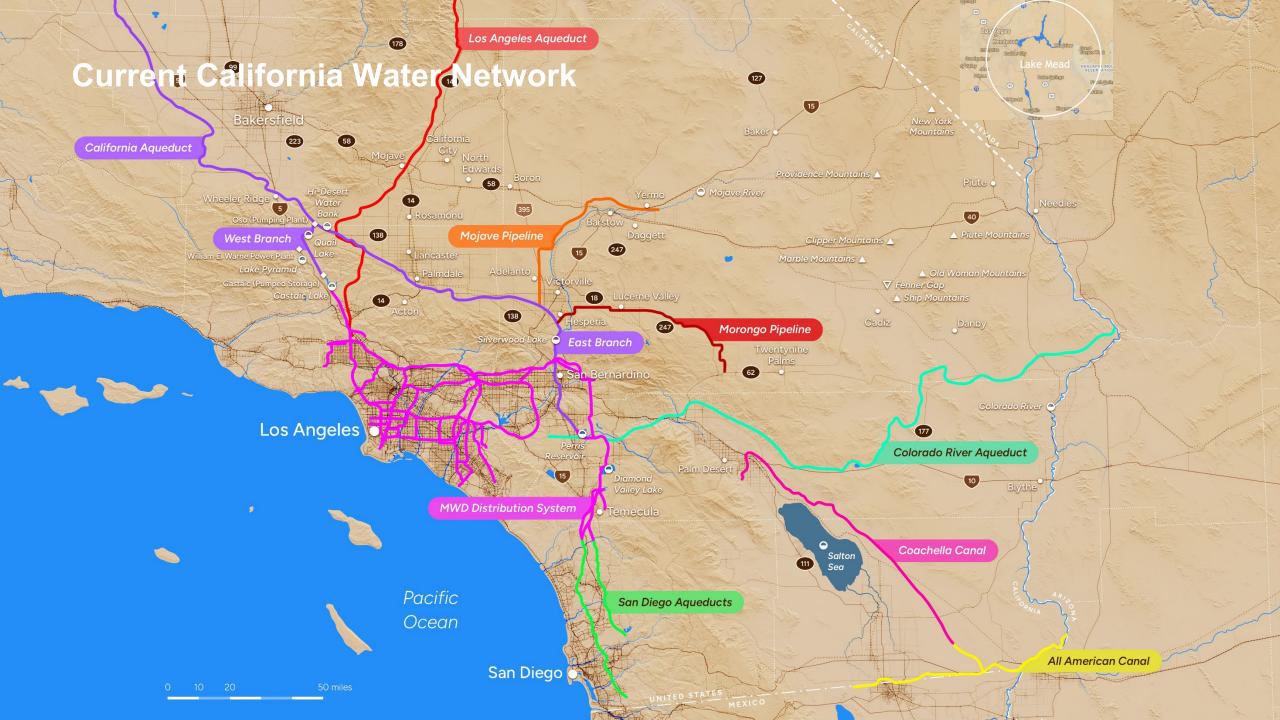
## "The hydrological cycle is spinning out of balance..."

WMO State of Global Water Resources Report 2022

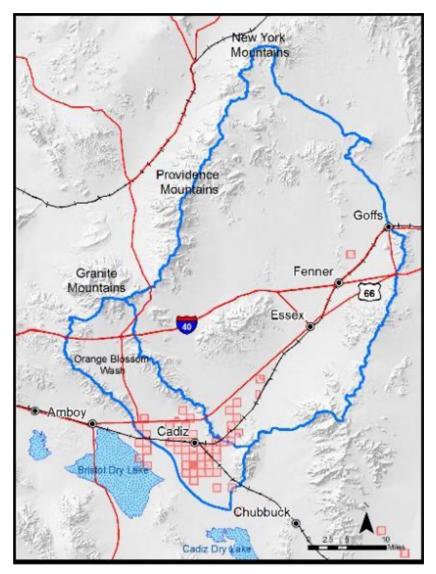
Droughts, extreme rainfall events, melting snow and ice... threaten long-term water security for billions of people.







## Lake Mead Compared with Cadiz Aquifer



#### Lake Mead

250 square miles 160,000 acres



28 million acre-feet storage capacity

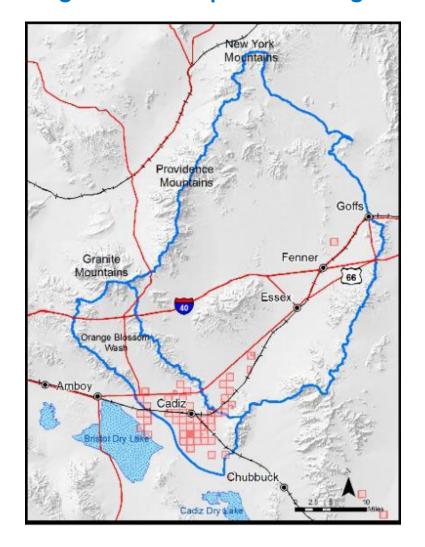
## Cadiz

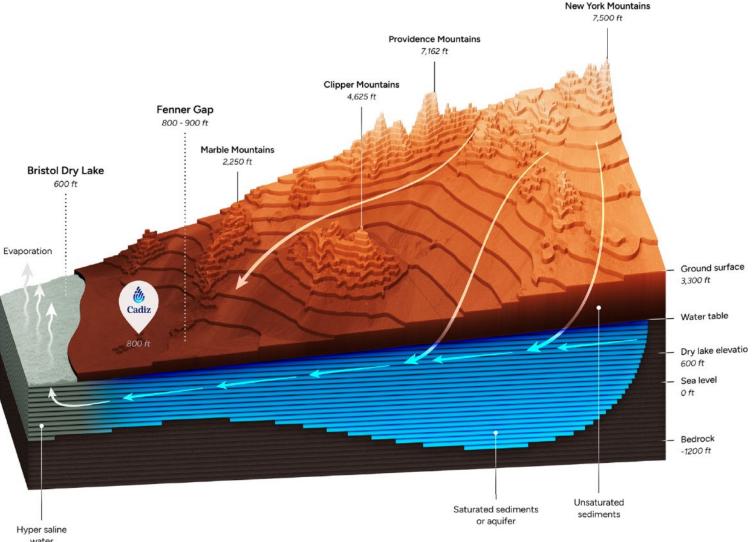
2000 square miles 1.2 million acres

30-50 million acre-feet water in storage

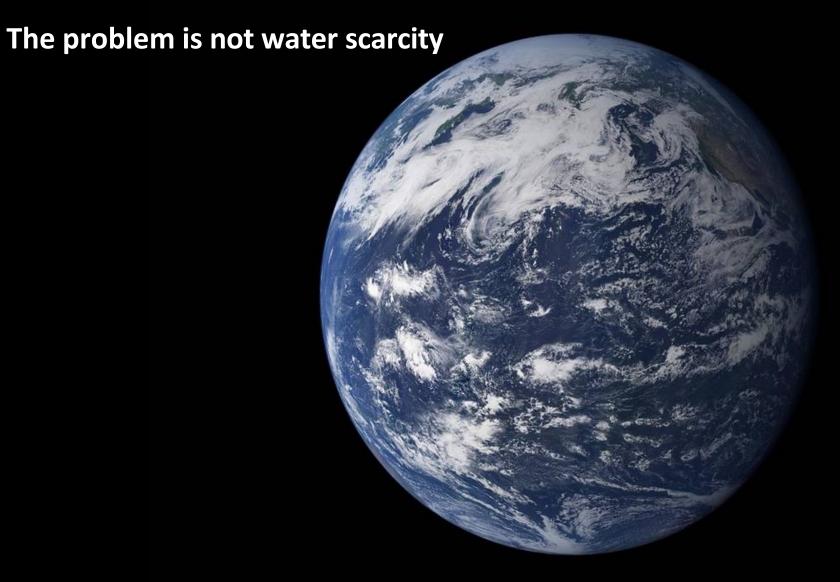


## Cadiz - Located at the bottom of 2000 square mile closed basin All groundwater passes through Fenner Gap evaporates at Bristol and Cadiz Dry Lakes.





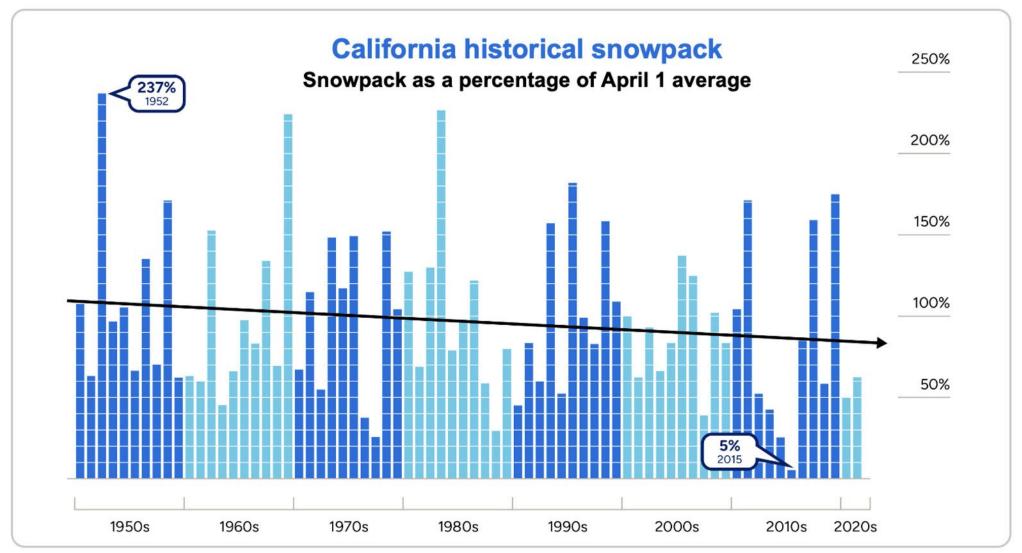




**The Water Planet** 



## Snowpacks in the west are steadily declining





#### Snow and snowmelt make up more than half our water supply

## Where do we store freshwater?



30% Snowpack



60% Reservoirs



**40%**Groundwater



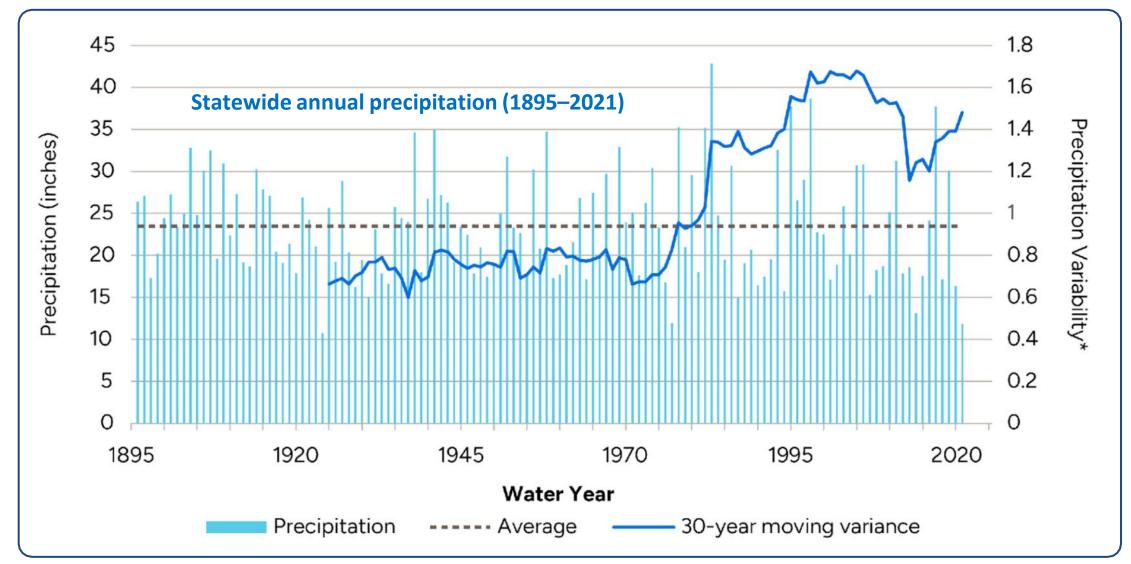
#### Extreme is the new normal





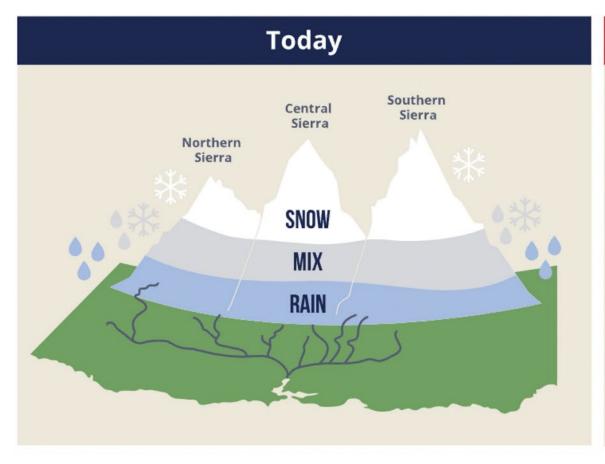


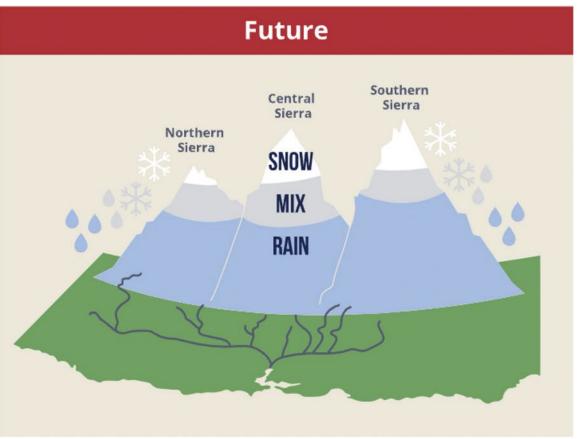
## California's climate "whiplash" pattern began with the 1976-77 drought





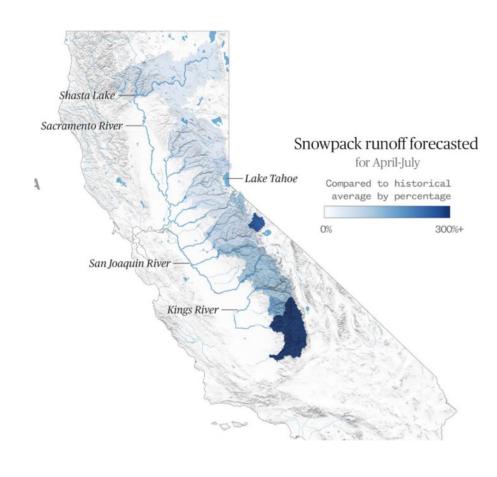
#### The future is rain.

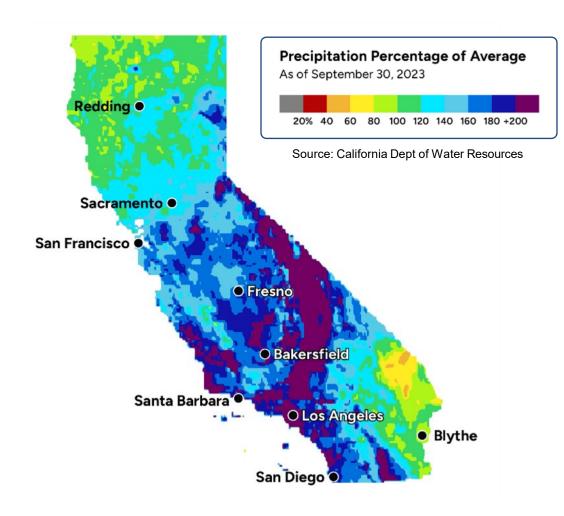






## Rain and Snowmelt are moving South

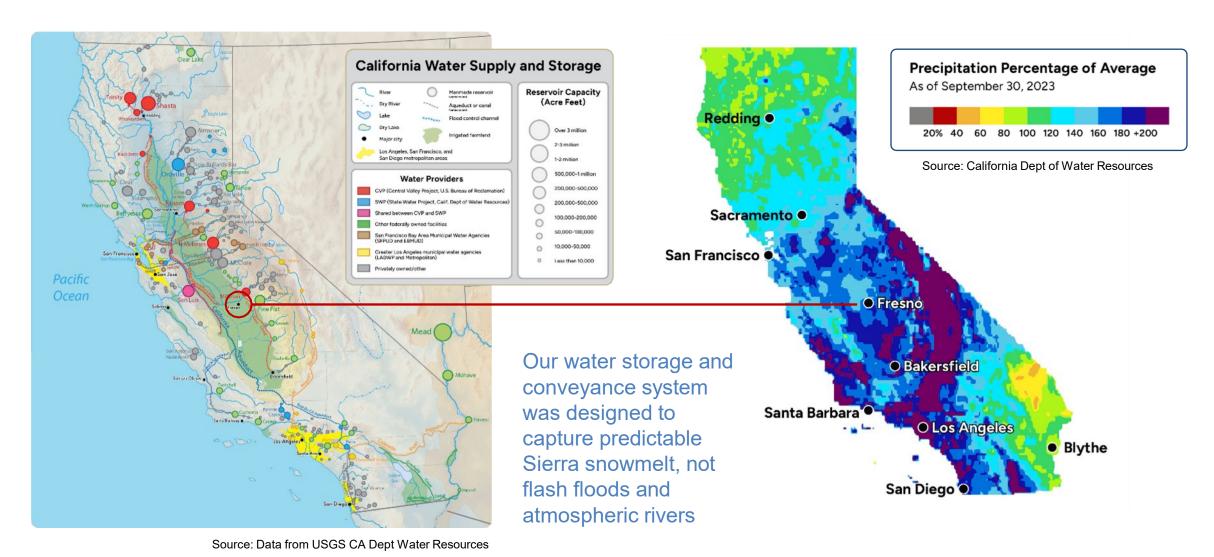




Source: Data from USGS CA Dept Water Resources



#### Most of our water storage systems are in the North





## A fully operational groundwater bank at Cadiz would facilitate water trading & exchanges across Southern California and the Southwest



## Water Supply Cash Flows: Contract Pricing & Financing

#### **Contract Price Cap = \$1,650 per AF**

\$350-\$500	Capital Costs	<ul> <li>Capital costs financed off Cadiz balance sheet via MLP structure with public agencies and Limited Partner investors</li> </ul>
\$250-\$300	Estimated O&M	<ul> <li>O&amp;M borne by contracting entities, not Cadiz</li> </ul>
\$850	Net-revenue to Cadiz	<ul> <li>Net revenue to Cadiz from 50 year "take or pay" water purchase agreements for water supply</li> </ul>



#### **Water Supply Price Appreciation**

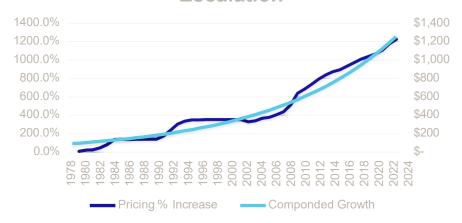
The value of Cadiz water supply is comparable to Metropolitan Water District's untreated imported water supply rate.

Metropolitan Water District Published Rates				
Effective January 1st	2022	2023	2024	
Full Service Untreated Volumetric Cost (\$/AF)				
Tier 1	\$799	\$855	\$903	
Tier 2	\$841	\$1,064	\$1,102	
Defintions:				
Tier 1 Supply Rate - recovers the cost of developing	ng and maintain	ing a reliable v	vater supply	
Tier 2 Supply Rate - set at Metropolitan's cost of p Delta, this rate tier encourages the maintenance of development of cost-effective local supply resource	of existing local	supplies and t		

Source: Metropolitan Water District - https://www.mwdh2o.com/budget-finance/

Wholesale water prices in the Southern California market have escalated at CAGR of approximately 5.8% for the past 45 years.

## So Cal Wholesale Water Price Escalation



New Supply		
Desalination (Doheny)	\$2,200/AF	
Carson Recycling	\$1,830/AF (assumes subsidies)	
Charles E. Meyer Desal Plant	\$3,125/AF	
Storage		
Semitropic Bank	\$1,500/AF reserve capacity	
Strand Ranch	\$2,000/AF reserve capacity	





#### Innovation. Evolution. Inflection.

Strategically Located. Revenue generating assets: The whole is much greater than the sum of the parts.

#### Water Supply

- 45,000 acres of land with water rights in the Mojave Desert.
- The only new water supply in the Colorado River Basin created by reducing evaporation.
- Permits to withdraw and export 2.5 million AF of groundwater over 50 years

#### **Water Storage**

- 2,000 square mile watershed with approx. 30-50 million AF of water in storage - 2X Lake Mead
- 1 million AF storage capacity-The largest new groundwater storage bank in the Southwest
- Strategically located between the Colorado River and California's State Water Project

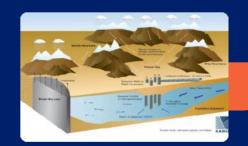
#### **Water Transport**

- ROW to build 43-mile new pipeline to CO River Aqueduct in existing railroad ROW
- Multiple gas and railroad lines connect Cadiz to major water network in SoCal
- 220 miles of existing pipeline that cross major Northern CA water systems

#### **Water Treatment**

- Acquired ATEC Water Systems in 2022 for \$2 million. \$15 million gross revenue in 2024 (projected).
- Modular, scalable, systems that can treat 20 GPM to-60 MGD.
- \$15 billion addressable market projected to grow to \$23 billion by 2030 with global demand and climate impacts.











#### **Cash Flow Outlook**

#### Water Supply 50 Year Recurring Cash Flow Stream

\$50 M per year of Projected Net Annual Cash Flow from Water Supply & Delivery Infrastructure
upon full implementation, with escalation of approx. 5% per year, or 2.5B cumulative total revenue
over 50 years.

#### **Water Storage Capacity Leasing**

- \$1.5B of Projected total customer cash payments from Groundwater Storage for reservation and leasing of 1 million acre-feet of capacity in the Cadiz groundwater storage bank.
- \$25 /AFY of annual cash flow from groundwater storage management fees.
- \$75-\$200/AF of Projected cash payments from wheeling and exchange fees.

#### **Water Filtration Technology Segment**

• ATEC Water Filtration forecast gross \$15M revenues in 2024, with double-digit CAGR projected for first 5 years.

#### \*\*Annuity Value\*\*

Projected \$1.7B Net Present Value of water supply and storage cash flows over 50 years

#### **Upside Potential**

- Additional pipeline purchase opportunities for wheeling.
- Additional water supply, trading and exchange products with multiple pipelines in operation
- Additional water supply projects with public agency partners (Danby, Piute parcels, other)
- Land leases for renewable energy development.

Total Cash Flow Potential from Assets

>\$5 Billion

NPV of Cash Flows

\$1.7 Billion



#### **CAP TABLE**

(\$ in millions)	3/31/2024		
Cash and cash equivalents	\$19.2		
Senior secured (non-convertible) term loan(1)	\$21.2		
Senior secured (convertible) term loan (2)	\$20.0		
Senior unsecured convertible loan <sup>(3)</sup>	\$16.3		
Series A perpetual preferred stock (CDZIP)	\$57.5		
Common Stock shares outstanding as of May 10, 2024			
(4) 7% interset paid quarterly. Maturity, June 20, 2027			

<sup>(1) 7%</sup> interest, paid quarterly, Maturity June 30, 2027

<sup>(2) 7%</sup> interest, PIK, convertible into common stock at \$5.30 per share, Maturity June 30, 2027.

 $<sup>(3) \ 7\% \</sup> interest, PIK, convertible \ into \ common \ stock \ at \$4.80 \ per \ share, \ Maturity \ June \ 30, \ 2027.$ 

# Appendix









## **Charge Led by Susan Kennedy**

- Susan Kennedy leads Cadiz as Chairman of the Board and CEO
  - Joined Board in February 2021 and was elected Chairman in February 2022
  - In January 2024, Ms. Kennedy was appointed CEO
- Led a distinguished career as a policymaker and entrepreneur
- Built a formidable reputation through two decades at the highest levels of California government
  - Chief of Staff to Governor Arnold Schwarzenegger and Cabinet Secretary to Governor Gray Davis
  - Led the most extensive deployment of renewable energy in California history over two administrations
  - Negotiated groundbreaking agreements on climate change including California's cap and trade program and the nation's first low carbon fuel standard
- Served as Commissioner of the California Public Utilities Commission (CPUC) from 2003-2006
  - Oversaw investor-owned energy, water, gas utilities and CPUC's efforts to restructure electricity markets
- Founder and CEO of Advanced Microgrid Solutions acquired by Fluence (NASDAQ: FLNC).
  - Built the first A.I. platform for trading renewable energy
  - Built the first large-scale distributed battery systems for grid services in California
- Known for execution skills, Kennedy is results oriented with the deep expertise and practical experience needed to lead Cadiz's as the Company hits critical inflection point





#### Kennedy's Leadership Backed by New Board of Directors



**Stephen E. Courter Independent Director** 

- Over 30 years of experience in management positions in the technology/telecommunications industry
- Faculty of the McCombs School of Business, University of Texas at Austin teaching MBA courses in strategy and new venture creation
- Former Chief Executive Officer of publicly traded and private organizations



Maria Echaveste Independent Director

- Distinguished career working as a community leader, public policy advisor, lecturer, senior White House official, and attorney
- Former Deputy Chief of Staff for President Bill Clinton and special representative to Bolivia for Secretary of State Hillary Clinton. Also served as vice-chair of the California International Trade and Investment Advisory Committee



Maria Dreyfus Independent Director

- CEO and Founder of Ardinall Investment Management, focused on sustainable investing and resilient infrastructure
- Serves as a director on the boards of multiple publicly traded energy companies, one of Canada's largest pension plans and a private California-based water controls company



Winston Hickox Independent Director

- Partner at the public policy consulting firm California Strategies
- Former portfolio manager of CalPERS focused on investments oriented in environmental impact



Barbara Lloyd Independent Director

- Founder and CEO of IMPACTS USA Advisory Services for governments, developers and investors on innovative capital asset strategies
- Former Managing Director at KPMG focused on infrastructure projects and governmental facilities and Chief Deputy Treasurer for Public Finance for the California State Treasurers Office



Senator Richard Polanco (ret). Independent Director

- Esteemed California political and business leader, and champion for the state's disadvantaged communities
- Elected to the California State Senate in 1994 through to retirement in 2002



Carolyn Webb de Macías Independent Director

- Community leader with an extensive career in public policy and higher education
- Serves as Chief of Staff and Senior Advisor to the City of Los Angeles Mayor Karen Bass. Board Chair for the Partnership for Los Angeles Schools, a non-profit organization that manages 20 schools through a Memorandum Of Understanding with the Los Angeles Unified School District



Ken Lombard Independent Director

- President & CEO of BRIDGE Housing, a leading nonprofit developer, owner, and manager of affordable housing
- Former EVP and COO of publicly listed Seritage Growth Properties; an owner and developer of diversified retail and mixed-use properties



NASDAQ: CDZI

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