



The Cadiz Water Conservation & Storage Project

The Cadiz Water Project is an innovative aquifer storage project that will create a new water supply for 400,000 people a year by conserving billions of gallons of renewable groundwater currently being lost to evaporation and salt contamination at dry lakes. With state-of-the-art groundwater management technology, the Project will put conserved water to beneficial use and offer a much-needed groundwater bank interconnecting California's existing water infrastructure.

Conservation

- ▶ Conserve fresh water at Cadiz ag wellfield before lost to salinity & evaporation at dry lake plays.

Supply

- ▶ County groundwater management plan to oversee delivery of 50K AF for 50 years off property - annual supply for approx. 400,000 people. Less than 1% of groundwater in the basin.

Storage

- ▶ Store 1 Million AF of surplus water during wet years. Comparable to Surface reservoirs.

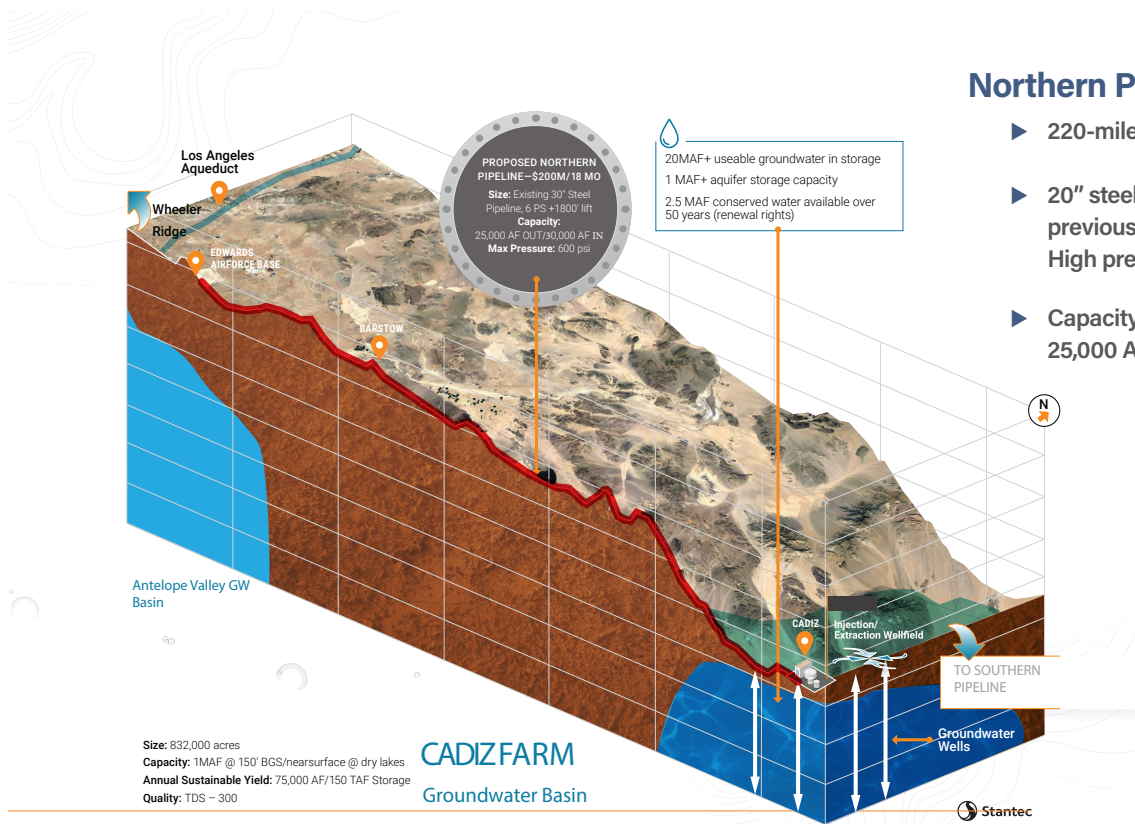
Conveyance

- ▶ Pipelines connect Cadiz Storage Project to State Water Project, LA Aqueduct and Colorado River Aqueduct. Project can also convey water between communities intersected by pipeline route.



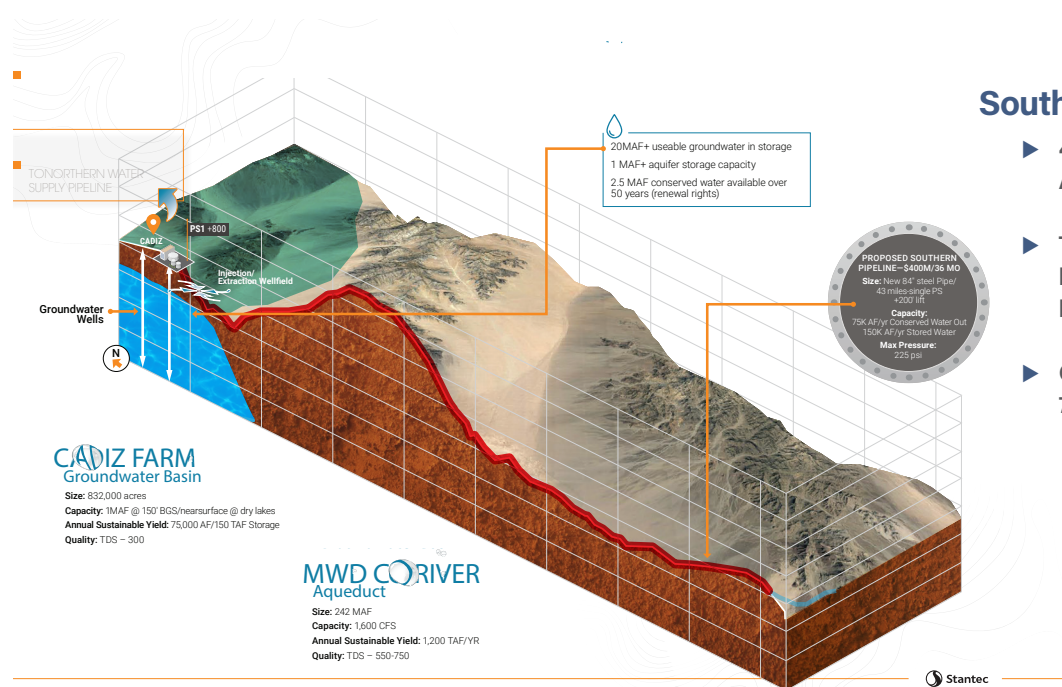
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Project will incorporate existing agricultural wellfield (10 wells 2,000gpm) and construct additional 5-10 wells, plus manifold system and feature 100 groundwater monitoring installations. Well treatment facility on site, plus power facilities for well and conveyance system. Two pipelines as outlined below. Construction budget estimate - \$500M



Northern Pipeline:

- ▶ 220-miles from Cadiz to State Water Project.
- ▶ 20" steel pipeline already in ground - previously used for oil and gas. High pressure rating >900psi
- ▶ Capacity to transport annually 25,000 AF out/ 30,000 AF in.



Southern Pipeline:

- ▶ 43-miles Cadiz to the Colorado River Aqueduct.
- ▶ To be constructed - design plan: single barrel, pressurized steel pipeline between 55" to 84" diameter.
- ▶ Capacity to move bi-directional 75 - 150,000 acre-feet per year.