Stagnant thinking is expensive.

We begin with the problem and the budget, in that order, and design toward both

ADC is a water and wastewater engineering firm led by engineers who have built what they design. We run permitting and design in parallel to deliver solutions that hold up in the field.

30+
years in water and wastewater

4
States served

Class A+
Reuse water delivered on multiple systems

4 MGD
Systems up to four million gallons per day

most water problems get answered by reflex

Replace the plant. Build the new facility. Add capacity for a future that may not be here yet. Those answers can be expensive to fund, slow to permit, and larger than the problem requires.

We start further back.

Then we design from there. If the constraints cannot support the outcome, we say so early, before years of design, permitting, and cost have accumulated.

1. **Define the real problem.**
   Diagnose the system before prescribing the project.
2. **Design to real constraints.**
   Budget, permitting, operations, schedule, and constructability belong in the engineering decision, not after it.
3. **Resolve obstacles early.**
   ADC coordinates design, regulatory requirements, funding, and implementation early enough to expose problems while there is still room to solve them.

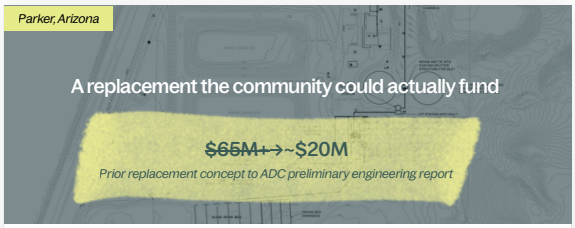
The difference shows up in how the work is run.

CONVENTIONAL PRACTICE	ADC
Account management sits between the client and the engineers	The engineers on your project are the people you deal with
Permitting follows design	Permitting and design are run in parallel
Affordability is established late in the process	Budget is tested against the problem before design begins

What right-sized engineering looks like.

Three projects where defining the problem first changed what got built, what it cost, and what it takes to operate.

Parker, Arizona



A 1972 wastewater treatment plant serving the Town of Parker and the Colorado River Indian Tribes had reached the end of its serviceable life. A prior replacement concept exceeded $65 million. ADC developed a roughly $20 million packaged MBR solution for Class A+ effluent and helped assemble funding through WIFA loans, congressional appropriations, and USDA support. Construction is underway.

Duncan, Arizona

Solve the water-quality problem without building a treatment plant

Elevated iron and manganese in Duncan's downtown wells were preventing approval of a planned system interconnect. ADC designed a right-sized orthophosphate dosing system that sequesters the metals while also providing lead and copper corrosion control.

Miami, Arizona

Invest in the plant instead of replacing it

Miami's reclamation facility needed targeted improvements rather than wholesale replacement. ADC's condition assessment identified the upgrades that mattered, from sludge handling and screening to aeration, mixing, and SCADA, then carried the work into design, bidding, and permitting.

WATER AND WASTEWATER ENGINEERING, FROM PROBLEM DEFINITION THROUGH OPERATION.

Water engineering
Transmission. treatment, supply and system evaluation

Wastewater engineering
Collection and treatment systems, rehabilitation and reuse.

Operations and maintenance
System operations, compliance, support and training.

Regulatory permitting and funding
APP, NPDES, reuse and permitting, and funding program support.

DESIGNED BY PEOPLE WHO STAY CLOSE TO DELIVERY.



Rocky Anderson
Founder and President
Three decades in water and wastewater, with a focus on decentralized and small-community systems. Involved in project strategy, design direction, and client coordination across the firm's work.



Dave Heighway, P.E.
Senior Water and Wastewater Engineer
Senior engineering across project development and technical decision-making. Works with the team on design and review to keep solutions efficient and constructible.



Luis Gonzalez, EIT
Project Manager
Leads day-to-day execution, coordinating schedules, budgets, and communication. Built water and wastewater treatment plants before designing them.

Mesa, Arizona / 480 454 1799 Tacoma, Washington / 253 203 1200 office@adcwater.com