

# RiverArc Project

## Project Overview

### PROJECT PARTNERS

- California American Water
- City of Sacramento
- Placer County Water Agency
- Sacramento County Water Agency

### Description/Overview

California’s reoccurring droughts spotlight the importance of water supply agencies working together to address current and future water supply needs. This is especially true for water agencies within the Sacramento Region where protecting the aquatic habitat and providing reliable water to customers are both paramount.

The RiverArc Project is a multi-agency undertaking, involving key stakeholders throughout the Sacramento area. The project will enhance water supply diversity and reliability on a regional scale. It will increase the sustainability of regional groundwater supplies and provide additional environmental protection in the American River watershed. RiverArc will also provide the U.S. Bureau of Reclamation additional flexibility in operating the Central Valley Project to meet multiple authorized purposes.

RiverArc will divert water through existing modern intakes from the Sacramento River, convey to a new regional water treatment plant, and distribute potable water through a mix of new and existing pipelines to local water agencies.

75%

**Seventy-five percent of Sacramento-area water agencies rely on the American River watershed as their single water source. RiverArc will shift a portion of the region’s water demand from the American River to the Sacramento River. This diversification of water supplies is critical to the long-term sustainability and future prosperity of the region.**



**Water Supply Reliability & Diversity**

Improves Sacramento region’s water supply reliability by better balancing supplies from the American and Sacramento Rivers



**Groundwater Sustainability**

Enhances groundwater sustainability through the coordinated use of groundwater and surface water and supports the goals of the Sustainable Groundwater Management Act



**Protection of Habitat**

Helps create a healthier environment by reducing demands on the American River and Folsom Lake and supports native species with cold water temperatures



**Water Quality**

Replenishes poor quality groundwater supplies with treated Sacramento River water



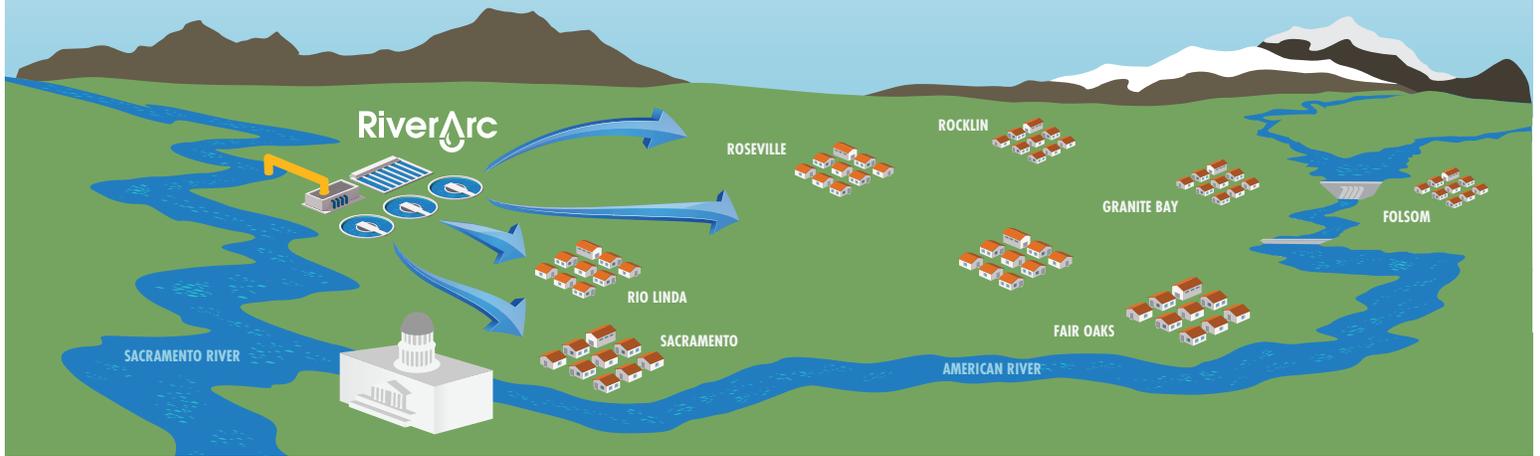
**Operational Flexibility**

Enhances options for the U.S. Bureau of Reclamation to operate the Central Valley Project based on changes in water temperature, quality and demand



**Regional Water Banking**

Provides groundwater sustainability by using treated surface water instead of pumping groundwater supplies, which allows groundwater to be stored in the basin



The RiverArc Partners are working with Natomas Central Mutual Water Company to use their existing state-of-the-art intake capacity to divert water from the Sacramento River for potable water use in Sacramento and Placer Counties. The partners are currently evaluating alternative project facility locations and configurations.

## It's Ideally Phased and Scalable to Attract Funding and Financing

It is more important than ever to free up American River water for environmental use while diversifying the region's water supply portfolio. RiverArc has opportunities and momentum now that may not exist in the future. The stakeholders and water agencies supporting the project are eager to move quickly to make the new Sacramento River diversion project a reality by using a phased approach that will build capacity and value now and in the future.

Phase 1 2022–2028	Phase 2 2033–2045	Phase 3 2050+
Construct initial infrastructure to connect existing Sacramento River diversion facility to Sacramento and Placer County customers.	Expand water supply availability by connecting Sacramento River and American River supplies.	Complete remaining infrastructure to allow for expansion of the envisioned Sacramento Regional Water Bank and provide greatest operational flexibility to the Central Valley Project by minimizing reliance on the American River watershed.

### NEXT STEPS | KEY ACTIONS

- Modify/transfer water rights/entitlements to the Sacramento River.
- Partner with the U.S. Bureau of Reclamation to quantify benefits to the Central Valley Project water system.
- Outreach to benefiting local, regional, and state agencies to encourage support and participation.
- Execute an agreement with Natomas Central Mutual Water Company for use of their existing intake capacity.
- Actively seek and advocate for project funding support.