

Climate change
requires us to think
differently...



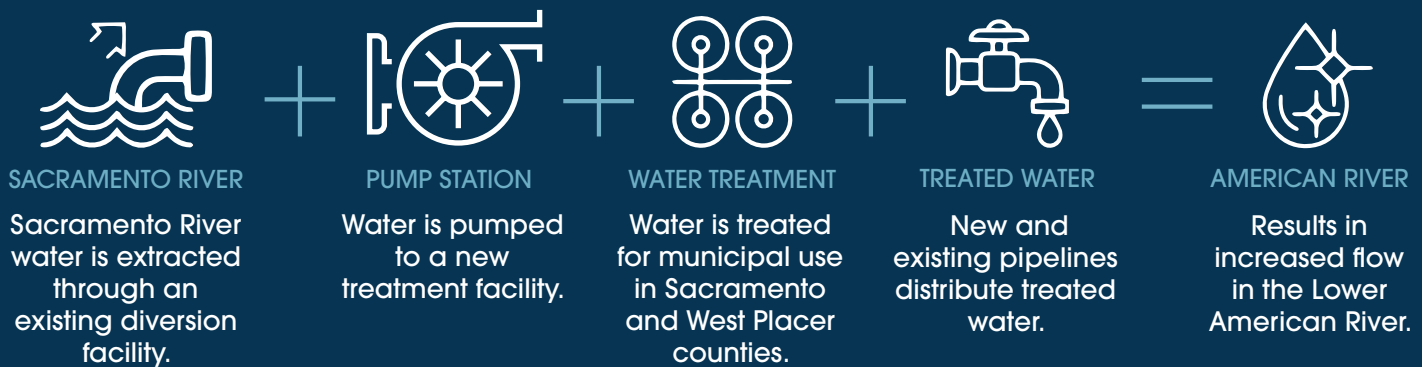
...and invest in a
foundational, regional
approach that helps
water supply reliability
while protecting the Lower
American River's biodiversity.

INCREASE RESILIENCY & PROVIDE ECOSYSTEM BENEFITS

Eighty percent of Sacramento-area water agencies currently depend solely on the American River watershed for their water supply, even though the Sacramento River is six times bigger. **RiverArc** aims to redistribute a portion of the region's water reliance to the much larger Sacramento River. This strategic diversification of water sources is essential for ensuring the region's long-term sustainability and future prosperity.

RiverArc will increase flows in the Lower American River which strengthens the river system and the aquatic and terrestrial habitat it supports.

What is the RiverArc Project?



RiverArc originated in the 2000 Water Forum Agreement and aims to preserve the Lower American River's ecosystem amid rising temperatures that will reduce snowpack storage. RiverArc introduces an innovative water delivery approach, utilizing an existing upgraded diversion facility near the Sacramento International Airport to convey Sacramento River water for treatment and use.

The American River Basin Study found that RiverArc offers regional benefits by optimizing groundwater supplies, increasing Folsom Reservoir storage by up to 43,000 acre-feet during dry years, and redirecting diversions to meet municipal water needs while protecting fish habitats in the Lower American River.

**THE PROJECT
ACCOMMODATES
MUNICIPAL WATER NEEDS
WHILE INCREASING
COLD-WATER STORAGE
FOR THREATENED FISH
HABITATS.**

Our Project Partners are currently City of Roseville, City of Sacramento, Placer County Water Agency, and Sacramento County Water Agency.



BENEFITS

River and Ecosystem Health Improvement

Increases flows in the Lower American River which maintains the ecological balance of the natural river system, supports aquatic species, and ensures the health and sustainability of the surrounding habitats.

Urban River Enhancement

Benefits the surrounding communities and their environments by safeguarding the Wild and Scenic Lower American River and Parkway.

Regional Water Security

Strengthens the reliability of water supply in the Sacramento Region, ensuring sustainable water resources in the face of precipitation and climate challenges.

Groundwater Sustainability

Boosts the resilience of regional groundwater resources, offering long-term benefits such as protecting against over-extraction and supporting the health of the Sacramento Regional Groundwater Bank.

Statewide System Operational Flexibility

Reduces dependence on Folsom Reservoir and the Lower American River, thereby providing greater flexibility in managing the statewide water system.



HOW CAN I HELP?

RiverArc is a vital project with strong backing from environmental entities and water agencies in the Sacramento Region.

ADVOCATE FOR FUNDING: Securing funding from government agencies and organizations will expedite the implementation of RiverArc, which will mitigate against climate change and safeguard our water resources.

INFORM YOUR COLLEAGUES: The more people that are aware of RiverArc's importance, the stronger our collective voice becomes. Ask the RiverArc team for a presentation to your organization.

SUPPORT THE ENVIRONMENT & WATER SUPPLY: Endorsing and upholding the cornerstone Water Forum Agreement, which balances water supply reliability with environmental preservation, benefits us all.

ENCOURAGE REPRESENTATION: The inclusion of RiverArc in new legislation and statewide initiatives is paramount to its success. Reach out to legislative committees and regional and state agencies to encourage support and active participation.

Together, we can ensure a sustainable future for Sacramento Region's water resources. Act now to invest in the solution for a thriving, water-secure future!



AN INVESTMENT IN WATER RESILIENCE & THE ENVIRONMENT

The first phase of RiverArc (Phase 1) will be the first investment toward providing significant regional water security. Environmental and early design efforts are underway thanks to a \$5.1 million grant from the California Wildlife Conservation Board. Project Partners estimate that \$500M - \$600M (depending on Phase 1 capacity) is needed from State, federal, and local sources to fund Phase 1 implementation.

RiverArc does not have a dedicated funding source; thus, Project Partners need grants, federal appropriations, and/or low-interest loans to finance this critical project for the region.

PROJECT TIMELINE

The RiverArc project is currently envisioned to be constructed in three phases and is proceeding with the environmental work and preliminary design.

EARLY PROJECT PLANNING

2017-2023

Funding, Modeling, Assessing and Analysis

PHASE 1 PLANNING

2024-2027

Permitting,
Environmental & Initial
Design

PHASE 1

2027-2030+

Procurement,
Design, &
Construct

PHASE 2

2040+

Expand Water Supply
and Treatment
Facilities

PHASE 3

2050+

Plan and
Construct
Necessary
Infrastructure
& Minimize
Reliance on
American River
Watershed

