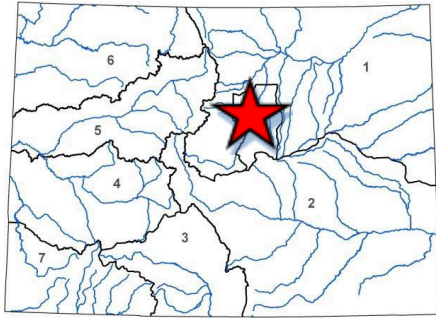




Water Plan Grant Program



LOCATION	
County:	Douglas
Basins:	Metro; South Platte

DETAILS	
Total Project Cost:	\$62,528.13
Water Plan Grant Request:	\$46,628.13
Recommended Amount:	\$46,628.13
Match Commitment:	\$15,900.00
Grant to Match Ratio	75/25
Project Type:	Study
Primary Project Category:	Conservation & Land Use Planning
Measurable Result: A study that advances the understanding of the volumetric impacts of centralized stormwater capture and use at neighborhood or community scale at new developments.	

The Pacific Institute, a non-governmental organization, is seeking a Colorado Water Plan grant to support a study exploring the implications of scaling up opportunities to centralize the capture and reuse of stormwater at the neighborhood scale in new developments. The study will focus on the Metro and South Platte Basins, with a specific focus on new developments in Douglas County.

This project would provide a technical assessment of the volumetric potential of stormwater capture and use at the neighborhood and community scale. It aims to determine if centralized capture at new developments can meaningfully contribute to minimizing the municipal and industrial supply-demand gap and if it has any effects on downstream water users.

The project advances the Resilient Planning and Vibrant Communities goals of the Colorado Water Plan by assessing the volumetric opportunity for stormwater to contribute to water resources needed for new developments, potentially stretching existing water supplies and offsetting nonpotable needs.

Grant dollars would be used to conduct the technical assessment, which includes an analysis of water supplies, demand, and needed infrastructure. The funds will also support the sharing of learnings with stakeholders, including municipalities, water supply planning professionals, and various Basin Roundtables.

Project supporters include a five-member Expert Review Panel with representation from industry, water utilities, legal, and economics perspectives. The project is also supported by funding from Parker Water and Sanitation District, WaterReuse Colorado, the University of Colorado at Boulder, the Water Environment Federation, and One Water Econ. The project is a direct outcome of a previously funded Colorado Water Plan grant project, and a related study by the University of Colorado Boulder which directly supports this proposed project.

Funding Recommendation:

Staff recommends a Water Plan Grant award not to exceed \$46,628.00 to Pacific Institute for Studies in Development, Environment & Security for Stormwater Capture & Reuse in Colorado.