

STORMWATER FOR RECHARGE

PILOT PROGRAM



Evaluating rainfall's potential

The reliability of Southern California's water resources increasingly depends on a diverse supply portfolio. Metropolitan Water District of Southern California evaluates stormwater capture projects to better understand their performance and regional water supply benefits. This program offers \$7.5 million in financial incentives to develop, monitor and assess up to 10 new or existing stormwater recharge projects across the district's six-county service area.

What is stormwater recharge?

Stormwater recharge projects capture stormwater for groundwater recharge and future production. Some examples of recharge projects include stormwater capture through centralized spreading basins, dry wells, or infiltration galleries.

Who can apply for funding?

The pilot program is open to public and private (non-residential) locations within Metropolitan's service area. Applications must be submitted by the Metropolitan member agency where the project is located.

Selections would be on a first-come, first-served basis, with a limit of five projects per Regional Board area and two projects per groundwater basin. Funding is secured once approved.

Project types

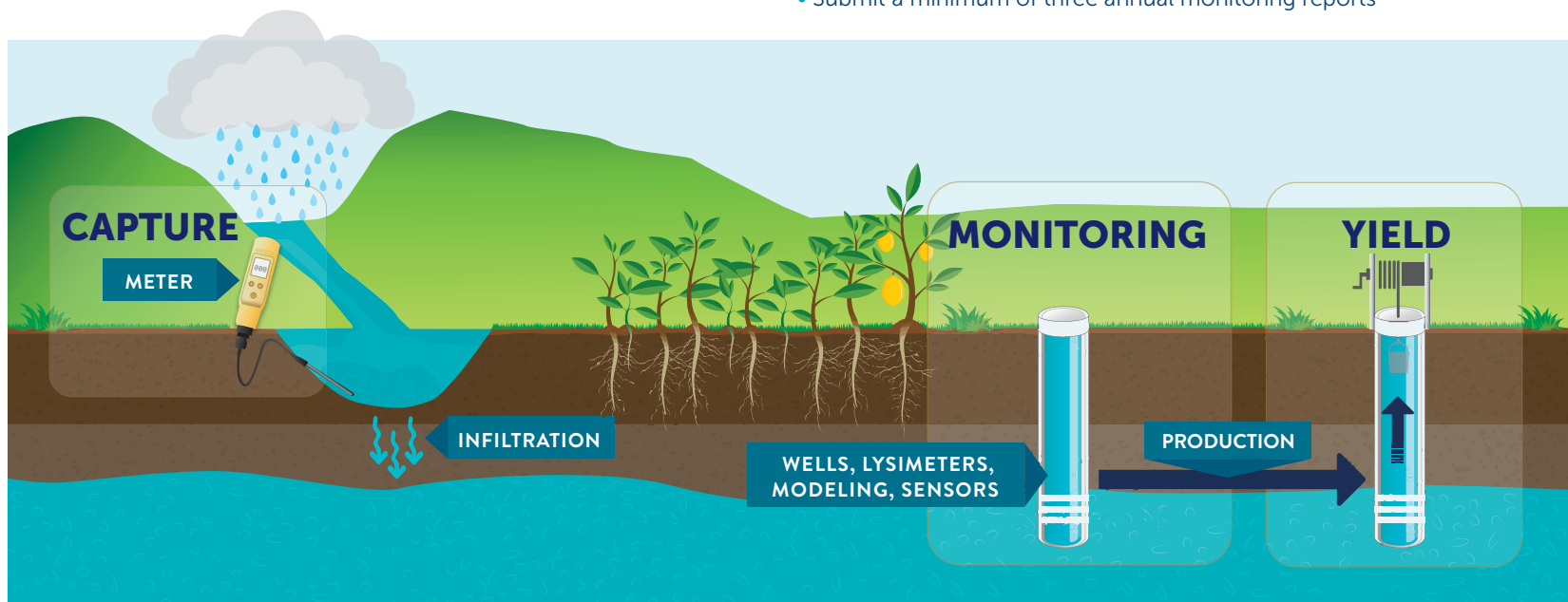
New construction projects consist of new construction of a recharge project and monitoring/reporting.

Monitoring Equipment Installation projects consist of installation of monitoring equipment and ongoing monitoring/reporting. Monitoring should include one physical (i.e. lysimeters, meters, sensors) and one modeling method.

Project criteria

- Measure capture and recharge
- Demonstrate how stored water recharges usable groundwater
- Describe how the project will increase groundwater production or decrease Metropolitan demand
- Possess the right to capture and recharge stormwater in the area of the proposed project and not impact downstream users
- Have an estimated design capture of at least 40 acre-feet per year
- Be located within Metropolitan's service area
- Create new water supply by increasing total recharge to a groundwater basin and decreasing stormwater flows to the ocean
- Submit a minimum of three annual monitoring reports

How stormwater recharge works



Funding

PROJECT TYPE	FUNDING COMPONENTS	
	Installation/Construction	Monitoring & Reporting
Monitoring Equipment Installation	Up to \$350,000 for eligible costs (material, construction, and groundwater modeling studies)	\$50,000/report
Capped at \$500,000		
New Construction	Up to 50% reimbursement of eligible costs (material, construction, and groundwater modeling studies), max of \$850,000	\$50,000/report
Capped at \$1 Million		

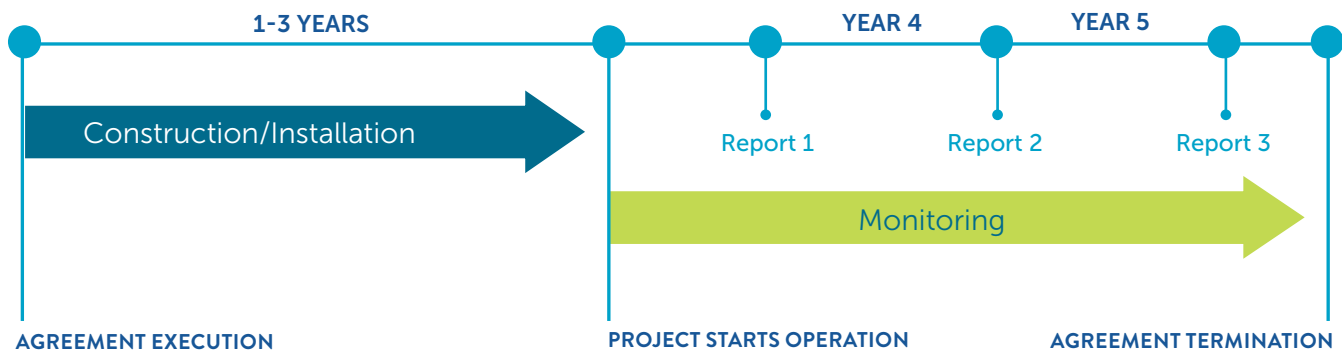
Timeline

MONITORING EQUIPMENT INSTALLATION

1. Projects have one year from agreement execution to complete installation of metering equipment and begin monitoring
2. Three years of monitoring and reporting required

NEW CONSTRUCTION PROJECTS

1. Projects have three years from agreement execution to complete construction and installation of metering equipment, start operation, and begin monitoring
2. Three years of monitoring and reporting required



ABOUT METROPOLITAN

The Metropolitan Water District of Southern California is a state-established cooperative of 26 member agencies – cities and public water agencies – that serve 19 million people in six counties. Metropolitan imports water from the Colorado River and Northern California to supplement local supplies and helps its members develop increased water conservation, recycling, storage and other resource management programs.

OUR MISSION

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

Contact



Matthew Hacker
 StormWaterRecharge@mwdh2o.com
 213.217.6756