

Stormwater Capture Master Plan

Fact Sheet

Background

The Los Angeles Department of Water and Power (LADWP) is committed to sustainable water management. The LADWP Water System's mission is to provide our customers with safe, reliable, high quality and reasonably priced water services in a transparent and environmentally responsible manner.

Over the last century, LADWP has built and maintained a massive system that transports, treats and delivers hundreds of millions of gallons of water to our customers in the City of Los Angeles every day. Much of the water we serve is imported from the Eastern Sierra Nevada Mountains, Sacramento-San Joaquin Bay Delta and the Colorado River. These supplies, which come from hundreds of miles away, supplement our local water supply but are increasingly expensive, limited by legal and environmental mandates, impacted by climate change and vulnerable to earthquakes and other natural disasters.

LADWP is working to reduce our reliance on expensive imported water by pursuing a multi-pronged initiative that includes stormwater capture, water conservation, recycled water and groundwater remediation.

Stormwater as a Valuable Resource

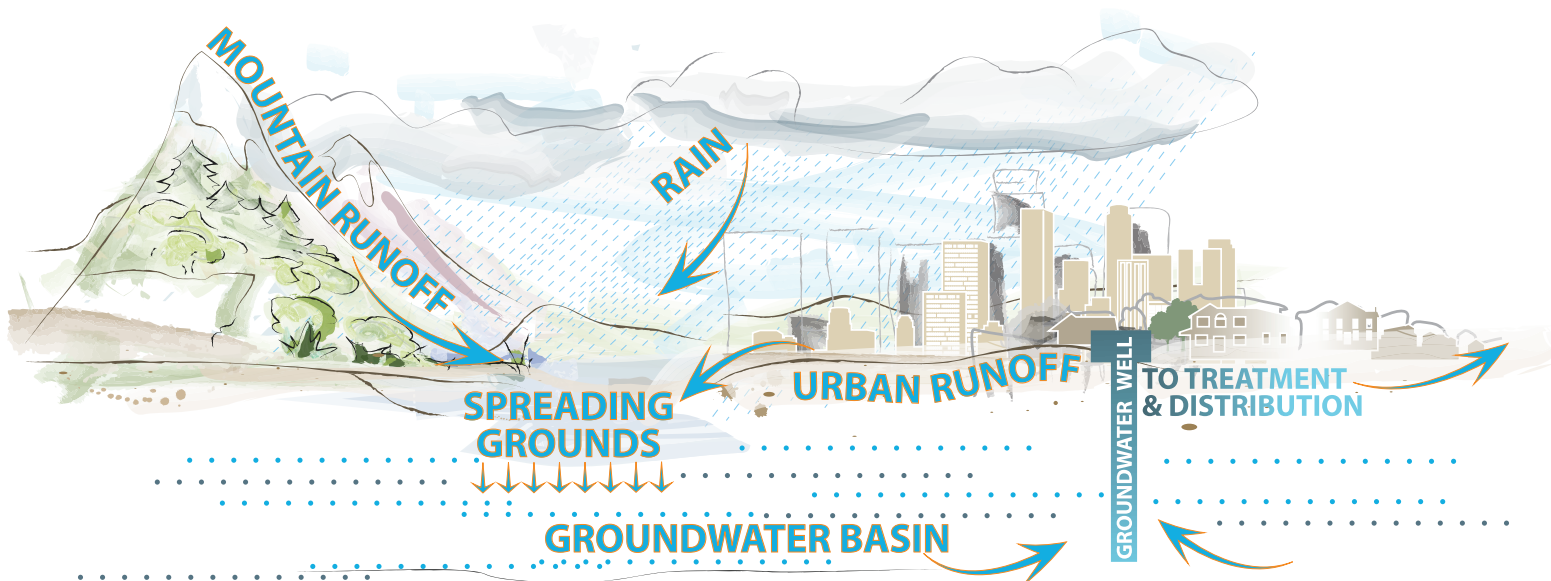
Stormwater capture is an important element of LADWP's overall plan to enhance our local water supply. The principle involves capturing precious rainfall and runoff from open space and urban lands for either direct use or allowing the water to percolate into groundwater basins for future use.

Today, on average, more than 27,000 acre-feet (more than 8.8 billion gallons) of stormwater is captured each year at centralized spreading grounds where it recharges groundwater. Stormwater runoff that cannot be contained at these facilities is discharged to the Pacific Ocean via the city's rivers and tributaries. We can certainly do more to capture and fully utilize this precious resource. Large scale stormwater capture projects like new and enhanced centralized spreading grounds and smaller ones like rain gardens, rain barrels and permeable pavers can help capture more stormwater for groundwater recharge or direct use.

What is the Stormwater Capture Master Plan?

The Stormwater Capture Master Plan is the latest major component of LADWP's initiative to increase the local water supply and reduce the dependence on expensive imported water for the City of Los Angeles.

The Stormwater Capture Master Plan will be an outline for policymakers that will explain LADWP's strategies to implement stormwater and watershed management programs and projects in the City of Los Angeles that will contribute to a more sustainable local water supply. It will serve as a guiding document for policymakers to consider when making decisions about programs and policies that impact L.A.'s water resources.





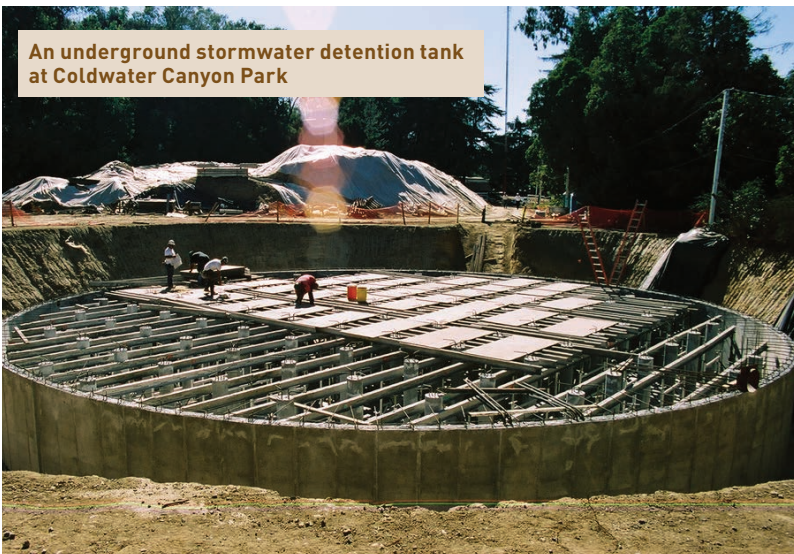
The Hansen Spreading Grounds which capture stormwater to recharge the San Fernando Groundwater Basin

The Stormwater Capture Master Planning Process

LADWP began its initial research for the Stormwater Capture Master Plan in the fall of 2013. In 2014 and early 2015, we held community meetings to garner community input, comments and suggestions that helped us in the development of the final plan.

Thank you for your help with developing the Stormwater Capture Master Plan. Please visit the project website to review the final plan at www.ladwp.com/scmp.

2013	Initiate planning process
2014	Develop stormwater capture options
2015	Develop master plan



An underground stormwater detention tank at Coldwater Canyon Park



Stormwater infiltration gallery beneath the Sun Valley Park



Glenoaks-Sunland stormwater capture dry wells and parkway infiltration swales



Stormwater pipes beneath Elmer Avenue