Stormwater Capture Parks Program

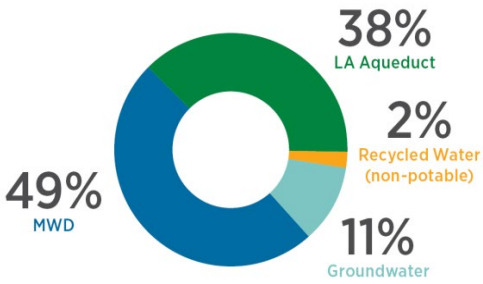
Fact Sheet 2020

Los Angeles Department of Water & Power

The Los Angeles Department of Water and Power (LADWP), in partnership with the Department of Recreation and Parks and the Department of Public Works, has developed an innovative Stormwater Capture Parks Program to collect rainwater and urban runoff at nine local parks in the East San Fernando Valley. These stormwater capture projects will help replenish the San Fernando Groundwater Basin, improve water quality in the Los Angeles River, alleviate local flooding, and provide recreational and environmental benefits to the community through related park improvements.

Neighborhood stormwater capture projects are an important part of helping LADWP increase the City's local water supplies and reduce its dependence on more expensive imported purchased water from the Metropolitan Water District of Southern California (MWD). Collectively, these projects are expected to capture nearly 949 million gallons annually and they are part of L.A.'s Green New Deal which aims to more than double the average stormwater captured from about 21 billion gallons annually to more than 49 billion gallons annually by 2035.

Present LADWP Water Sources
Five-Year Average (2014-15 through 2018-19)

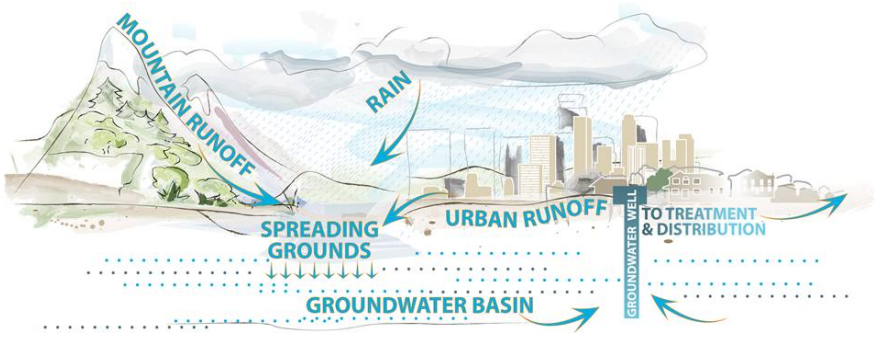


Future LADWP Water Sources
Projected Average for FY 2034-35*

*Water from L.A. Aqueduct and MWD will vary due to hydrological conditions.

What is Stormwater Capture?

Stormwater capture involves the collection of rainfall and runoff from open spaces, such as parks, and urban lands such as city streets, homes and businesses that would otherwise drain to the ocean. Once captured, the stormwater can be redirected to soak into a groundwater basin for future use.



The stormwater capture projects come in various forms and may include catch basins, bioswales, pre-treatment devices, pumps, pump stations, storm drains, underground infiltration galleries, and other stormwater best management practices. Each project will be selected, sized and located within the park to maximize stormwater capture.

Project Sites

The nine parks selected for this program provide ideal locations for stormwater projects because they offer the space to capture and infiltrate stormwater, and are conveniently located directly above the San Fernando Groundwater Basin.

North Hollywood

Alexandria Park, North Hollywood Park, Strathern Park North, Valley Plaza Park No., Valley Plaza Park So., Valley Village Park, Whitsett Fields Park North

Sun Valley

Fernangeles Park

Pacoima

David M. Gonzales Recreation Center

Park areas affected by these projects will be restored to their previous conditions or improved with new amenities. With guidance from community input, park restoration or improvements may include landscaping, irrigation, lighting, baseball fields, soccer fields, fitness equipment, sod or synthetic turf, educational signage, and parking lots.

Community and Environmental Benefits

Each stormwater capture project includes improvements and some may include additional recreational features. Community outreach will ensure that the opportunities for park improvements are consistent with the community's needs and reduce community impacts during construction.

In addition to the water supply and recreational benefits, stormwater capture projects also reduce local pollutants such as trash, metals and bacteria that enter the Tujunga Wash, Los Angeles River and the ocean.

Preliminary Schedule

Dec 2019 – Dec 2021	Program Design
Sep 2019 – Mar 2021	Environmental Review
Jun 2020 – Dec 2026	Public Outreach
Jan 2022 – Jun 2022	Construction Bid and award
Jul 2022 – Oct 2026	Construction*
	Phase 1: Valley Village, Strathern & Fernangeles Phase 2: Valley Plaza North, North Hollywood Part 1 Phase 3: North Hollywood Part 2, Valley Plaza South, Alexandria & Whitsett

*Construction schedules will be carefully managed and rolled out sequentially, as funding becomes available, to reduce impacts to the community.