PROP. 50 AWARDED PROJECTS

Morris Dam Water Supply Enhancement Project

The project will have modifications which will accommodate integrated watershed management goals for conjunctive management of native water resources. Upgrading of valves and control systems will ensure their operational reliability and match operational/distribution needs to optimize water conservation. There will be an increase in reservoir storage capacity without increasing the reservoir footprint, which will enhance the reservoir's ability to capture stormwater. Through the proposed Inlet/Outlet Works modifications, up to 5,720 additional acre-feet of water can be reliably captured and recharged to the Main San Gabriel Groundwater Basin. Also, there will be a potential for habitat enhancement downstream of the dam.

Project Proponent:	Los Angeles County Flood Control District
Prop 50 Funds Awarded:	$5.1 million
Total Project Cost:	$16.4 million

Central Basin Municipal Water District's Large Landscape Water Conservation, Runoff Reduction, and Educational Program

This project will implement a large landscape water management program utilizing centralized weather-based irrigation controllers and systems that link back to the local water and regional agencies regarding end-use water management. The program is designed to allow the local users (parks, schools, cities, etc.) to work with a water management company that utilizes the HydroEarth management system. HydroEarth is an environmentally-minded company that provides multi-faceted solutions to conserve water and protect the environment. It also includes evapotranspiration controller installations, indoor plumbing retrofits, and irrigation system retrofits targeted to high runoff residential and commercial properties.

Project Proponent:	Central Basin Municipal Water District
Prop 50 Funds Awarded:	$900,000
Total Project Cost:	$2.4 million

West Basin Municipal Water District's Large Landscape Water Conservation, Runoff Reduction, and Educational Program

This project will be designed to address runoff problems and reduce outdoor water usage by 20 to 50 percent by providing weather-based irrigation controllers and management solutions. The water savings alone will have a significant financial impact on high-end water users, delaying the need for new water supplies at a cost far below that of obtaining those new water supplies. The targeted landscape sites will include large landscapes, schools, parks, home owner associations, business parks, facility landscapes, street medians, and residential sites over 1,500 square feet that are the top water users in the area. This project will be implemented throughout West Basin's service area with a heavy emphasis in the City of Malibu where there are a significant number of large landscapes and an Area of Biological Significance.

Project Proponent:	West Basin Municipal Water District
Prop 50 Funds Awarded:	$1.2 million
Total Project Cost:	$2.8 million

Joint Water Pollution Control Plant Bixby Marshland Enhancement Project

The Joint Water Pollution Control Plant Bixby Marshland Enhancement Project serves as an example of the restoration and enhancement of freshwater wetlands in an industrialized area of the Greater Los Angeles County Region. The project provides educational and viewing opportunities of wetland habitat and associated wildlife for communities throughout the Region. The project also realizes positive water quality impacts through the treatment capability provided by the wetland. The adjacent disadvantaged communities of Wilmington and Harbor City benefit from improved water quality in Wilmington Drain and Machado Lake, which are downstream of the project. These communities also benefit from public access to a wetlands habitat area and the creation of educational opportunities for students.

Project Proponent:	Sanitation Districts of Los Angeles County
Prop 50 Funds Awarded:	$400,000
Total Project Cost:	$3.4 million

Southeast Water Reliability Project

In an effort to conserve the area's groundwater and reduce reliance on imported water, Central Basin Municipal Water District is moving forward with the Southeast Water Reliability Project (SWRP). Using recycled water for commercial, industrial, and landscape-irrigation uses instead of drinking water is an important component in Central Basin's conservation plan. With industrial sites as the largest single users of potable water, SWRP would deliver recycled water to many large industrial and irrigation facilities, providing regional water-saving benefits. The 11-plus mile pipeline will extend from Pico Rivera through Montebello and southeast Los Angeles County, connecting to the existing system in Vernon. Additionally, the project will enhance the operation reliability of the current system by completing an actual "loop" of existing pipelines. Once completed, SWRP will conserve more than 6.5 billion gallons of water annually.

Project Proponent:	Central Basin Municipal Water District
Prop 50 Funds Awarded:	$3.5 million
Total Project Cost:	$98.5 million

Pacoima Wash Greenway/8th Street Park

The 8th Street Park is located in the City of San Fernando, immediately adjacent to the Pacoima Wash in the Upper Los Angeles Watershed. This 2.79-acre park is a component in the larger plan to create a network of open-spaces linked together along the watercourse. These parks will be connected with a landscaped multi-use trail running the length of the City of San Fernando. The multi-purpose natural park will capture, clean, and infiltrate previously untreated stormwater from a 33-acre stream-adjacent neighborhood.

Project Proponent:	Mountains Recreation and Conservation Authority City of San Fernando
Prop 50 Funds Awarded:	$587,000
Total Project Cost:	$2.2 million

Las Virgenes Creek Restoration Project

In 1977, approximately 400 linear feet of Las Virgenes Creek between Highway 101 and the Agoura Road Bridge was lined with concrete, severely disrupting the wildlife corridor and removing all viable riparian habitats from this once thriving natural creek segment. The main objectives of the restoration are to restore a native creek-side habitat, enhance the biological environment, plant native vegetation, and display the importance of environmental stewardship to the community's youth through the addition of an educational gazebo. In addition to providing more native habitat in the region, this project is a high priority for watershed protection because it will help heal some habitat fragmentation in the area. This project will have a regional impact on policy for urban stream restoration in the Santa Monica Mountains.

Project Proponent:	City of Calabasas
Prop 50 Funds Awarded:	$515,000
Total Project Cost:	$1,063,090

Malibu Creek Watershed Water Conservation Project

The Malibu Creek Watershed Water Conservation Project is located in a watershed with an intimate mixture of nature and urbanization. Water bodies within the watershed are primarily natural creek systems that convey urban runoff to the ocean. This project is an effort to reduce urban runoff with the added benefit of water conservation and enhanced with features proposed. This project combines and integrates a project developed by the City of Westlake Village to reduce urban runoff and conserve water on City-owned public lands, with a project developed by the Las Virgenes Municipal Water District to reduce urban runoff and conserve water on residential parcels in the Malibu Creek Watershed. The combined project addresses urban runoff from both residential and City-owned lands in the City of Westlake Village and residential properties in the Malibu Creek Watershed. This reduces administrative duplication and provides homeowners in the City of Westlake Village a potential opportunity to tie into the City's centralized irrigation controller system. This approach could serve as a model for the other cities in the watershed, and reduce runoff caused by homeowner inattentiveness to irrigation scheduling.

Project Proponent:	Las Virgenes Municipal Water District City of Westlake Village
Prop 50 Funds Awarded:	$426,000
Total Project Cost:	$930,720

Whittier Narrows Water Reclamation Plant Ultraviolet Disinfection Facilities Project

The Whittier Narrows Water Reclamation Plant Ultraviolet Disinfection Facilities will preserve and expand the use of recycled water for groundwater recharge in the Greater Los Angeles Region, which is an important component of the local water supply. The project will demonstrate the sequential use of free chlorine/ultraviolet disinfection as an alternative method to address nitrosodimethylamine concentrations in tertiary effluent experienced with the current disinfection method utilizing chloramination.

Project Proponent:	County Sanitation Districts of Los Angeles County
Prop 50 Funds Awarded:	$2 million
Total Project Cost:	$12.6 million

North Atwater Creek Restoration Project

The project will restore wetlands for stormwater runoff capture and treatment and provides habitat linkage to the Los Angeles River. This will begin a restoration and revitalization of the Los Angeles River and its vicinity where wetlands existed along the riverbanks. The project will reconstruct an area along the Los Angeles River in the North Atwater community and restore wetlands to treat runoff from the North Atwater Creek storm drain. In addition, runoff Best Management Practices will be implemented to minimize waste resulting from equestrian use of the riverbank. This will directly benefit the East and Northeast Los Angeles communities, which are predominately low income and minority.

Project Proponent:	City of Los Angeles Bureau of Sanitation, Watershed Protection Division
Prop 50 Funds Awarded:	$2.2 million
Total Project Cost:	$4.2 million

Invasive Weed Control Project

The Invasive Weed Control Project will restore natural riparian habitat and enhance surface water flow to percolation basins in the San Gabriel Valley. The proposed project will remove approximately 30 net acres of *Arundo donax* (giant reed) at an average cost of $8,000/net acre at the following locations:

- San Gabriel River Channel at Whittier Narrows (16 acres)
- North side of crossover channel by Whittier Narrows Dam, east of Rosemead Blvd. (7 acres)
- Rio Hondo riparian corridor at Whittier Narrows, north of San Gabriel Blvd (7 acres)

This effort is a continuation of a larger campaign to eradicate all *Arundo donax* from urban riparian areas within the San Gabriel Valley. Arundo displaces native riparian habitat, increases its flammability, constricts flood control channels, and consumes more water than native riparian vegetation.

Project Proponent:	Los Angeles and San Gabriel Rivers Watershed Council
Prop 50 Funds Awarded:	$178,000
Total Project Cost:	$228,200

South Los Angeles Wetlands Project

The proposed Wetlands Park site is located within an urban area that has limited open space and community facilities. Implementation of the Wetlands Park Project will provide valuable green space and an opportunity for public recreation and education, while creating a high-quality wetlands habitat in urban Los Angeles. The Wetlands Park will improve stormwater quality and provide unique water re-use opportunities. A portion of flows from a local storm drain will be routed to the project site and treated prior to discharge to the wetlands. The wetlands will provide supplemental polishing treatment of the stormwater flows so that the water can be used for irrigation and other suitable water re-uses within the project area, or discharged back into the storm drain.

Project Proponent:	City of Los Angeles, Bureau of Sanitation, Watershed Protection Division
Prop 50 Funds Awarded:	$3.3 million
Total Project Cost:	$17.1 million

Solstice Creek Restoration Project

The National Park Service plans to eradicate false caper (Euphorbia terracina) and other invasive perennial weeds, and restore native plants along five kilometers of Solstice Creek. The focus of the project is riparian understory restoration and enhancement; however, nonnative ornamental trees will also be removed. The goals of the larger project are eight-fold:

1. Remove in-stream barriers to movement of federally endangered steelhead trout.
2. Remove sediment and debris from the stream channel.
3. Replace two low water crossings with bridges to facilitate fish passage.
4. Remove nonnative invasive plant species from within the stream and stream banks to enhance fish habitat.
5. Restore work areas damaged during barrier removal to improve ecological health.
6. Remove nonnative invasive plant species from side channels to protect stream quality and fish habitat.
7. Remove nonnative invasive species from areas influencing the riparian area (adjacent slopes) and re-vegetate with native plant species to protect fish habitat.
8. Remove debris from adjacent slopes that could enter the stream course to protect fish habitat.

Project Proponent:	Mountains Restoration Trust
Prop 50 Funds Awarded:	$78,366
Total Project Cost:	$228,366

Wilmington Drain

The City of Los Angeles envisions restoring Wilmington Drain via a multi-step approach including native vegetation, stormwater containment, pretreatment, enhanced public access and educational signage. A detailed design will be developed, with the anticipated participation of interested groups such as local Audubon Society members. Non-native landscaping will be removed and replaced with appropriate native species. Stormwater flow control will be achieved using natural materials and well-planned landscaping features, avoiding the need for destructive clearing of the channel. A sediment and trash capture component will provide necessary pretreatment of stormwater flows before they reach the restored habitat areas. Decomposed granite trails with educational signage will provide learning and passive recreational opportunities.

Project Proponent:	City of Los Angeles Bureau of Sanitation, Watershed Protection Division
Prop 50 Funds Awarded:	$4.5 million
Total Project Cost:	$12 million