



County of Los Angeles Department of Parks and Recreation



WaterReuse Chapter Meeting



COUNTY PARK FACILITIES

- 160 Parks
- 20 Golf Courses
- Representing 1,200 irrigated acres

PARKS ANNUAL WATER USE AND COST

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- A scenic view of a park lake with trees reflected in the water. The water is calm, showing clear reflections of the surrounding greenery and the blue sky. The shoreline is visible with some rocks and a small path. The trees are mostly tall and thin, with some showing autumn colors. The overall atmosphere is peaceful and natural.
- 2015-2016 Department wide total water use
 - 2,037,893 HCF at cost of \$6,690,424
 - This amount of water is like a 468 acre lake, 10 feet deep

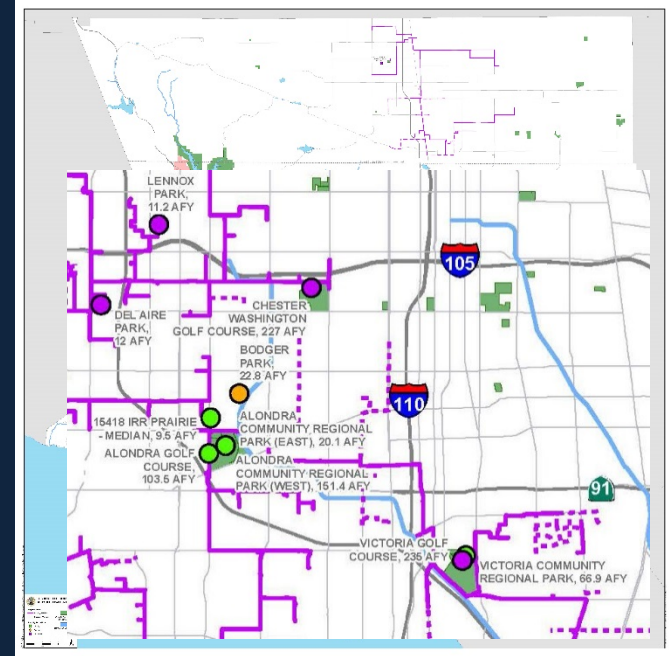


RECYCLED WATER CONVERSION AT COUNTY PARKS DEPARTMENT

- **17 parks have been converted to recycled water**
- **7 golf courses have been converted to recycled water**
- **Rimgrove Park is the last County park converted recycled water in 2013**

2008 County Recycled Water Master Plan

- County **park** facilities
- Prioritizes the County park facilities conversion to recycled water based on annual water use and proximity to recycled water pipelines



2016 COUNTY WIDE RECYCLED WATER MASTER PLAN

- For **all** County facilities
- Prioritizes the county facilities conversion to recycled water based on annual water use and proximity to recycled water pipelines.
- Includes uses other than irrigation such prisons laundry facilities and HVAC cooling tower systems.

EXISTING FACILITIES

Table 1
Existing Connections: County facilities connected to recycled water

Recycled Water Purveyor	County Facility
Various purveyors in the Antelope Valley	Apollo Community Regional Park
Central Basin MWD	Los Amigos Golf Course
	Norwalk Library
	Pico Rivera Library
	Registrar-Recorder/County Clerk
	Sorenson Library
	Sorenson Park
City of Cerritos	Cerritos Community Regional Park
City of Industry	Warehouse and Office (Public Auction)
City of Lakewood	Lakewood Golf Course
City of Pomona	Bonelli Regional Park
	Mountain Meadows Golf Course
	Camp David Gonzalez
	Lost Hills Sheriff Station
	Topanga Library
Rowland Water District	Carolyn Rosas (Farjardo) Park
	Colima Road Medians
	Countrywood Park
	Daisetta Street Medians
	Fullerton Road Medians
	Pathfinder Community Regional Park
	Pepperbrook Park
	Rowland Heights Park
	Schabarum Regional Park
	Sunshine Park
Upper San Gabriel Valley MWD	Rimgrove Park
	Whittier Narrows Golf Course
	Whittier Narrows Regional Recreation Area
Walnut Valley Water District	Diamond Bar Golf Course
West Basin MWD	Alondra Community Regional Park (West)
	Chester Washington Golf Course
	Condon (Lennox) Park

2016 COUNTY WIDE RECYCLED WATER MASTER PLAN

Table 2
(Priority Connection Sites –Tier 1)

Recycled Water Purveyor	County Facility
Central Basin MWD	Mayberry Park
	Rancho Los Amigos Complex
City of Malibu	Civic Center Malibu
Upper San Gabriel Valley MWD	South El Monte Civic Center
West Basin MWD	Alondra Community
	Manhattan Beach Boulevard/ Prairie Avenue Medians

Table 3
(Priority Connection Sites–Tier 2)

Recycled Water Purveyor	County Facility
Central Basin MWD	La Mirada Community Regional Park
	La Mirada Golf Course
	Amigo Park
City of Los Angeles Department of Water and Power	Central Heating (Mech H/R Plant Center)
	Exposition Park
	Sheriff - Twin Towers
Rowland Water District	Trailview Park
	Gloria Heer Park
West Basin MWD	Alondra Golf Course
	Kenneth Hahn Recreation Area
	Ladera Park
	Bodger Park

PRIORITY CONNECTION SITES

Table 4
Connection Sites for Future Consideration

Recycled Water Purveyor's Jurisdiction	Facility Name
Currently No Recycled Water Purveyor in	Acton Park
	Arboretum
	Arcadia Community Regional Park
	Charter Oak Park
	Crescenta Valley Community Regional Park
	Dalton Park
	Everett Martin Park
	Farnsworth Park
	Friendship Community Regional Park
	Loma Alta Park
	Marshall Canyon Golf Course, Tree Farm, Fire Camp

Currently No Recycled Water Purveyor in Vicinity

Table 4
Continued

Central Basin MWD	Adventure Park
	Atlantic Avenue Park
	Belvedere Community Regional Park
	Bethune Park
	Carver Park
	City Terrace Park
	Col. Leon Washington Park
	East Rancho Dominguez Park
	Enterprise Park
	Johnson Recreation Area
	Mona Park
	Obregon Park
	Roosevelt Park
Salazar Park	
Saybrook Park	

Connection Sites for Future Consideration

Various Recycled Water Purveyor in Antelope Valley	Park
	Stephen Sorensen Park
	Two Strike Park
	Val Verde Community Regional Park
	Valleydale Park
Castaic Lake Water Agency	Charles White Park
	Lane Park
	Castaic Lake State Recreation Area
	Castaic Sports Complex
	Del Valle Park
	Hart Regional Park
	Hasley Canyon Park
	Kuredjian Park
	Richard Rioux Memorial Park
	Tesoro Adobe Park
West Creek Community Park	

Upper San Gabriel Valley MWD	Park
	Ted Watkins Park
	Highland Camrose Park
	Allen J. Martin Park
	Bassett Park
	Burton Park
	Los Robles Park
	Manzanita Park
	San Angelo Park
West Basin MWD	Santa Fe Dam Regional Park
	Whittier Narrows Nature Center
	Steinmetz Park (Stimson Park)
	Athens Park
	Campanella Park
	Keller Park
	Owens Community Regional Park
South Coast Botanic Garden	
	Maggie Hathaway Golf Course

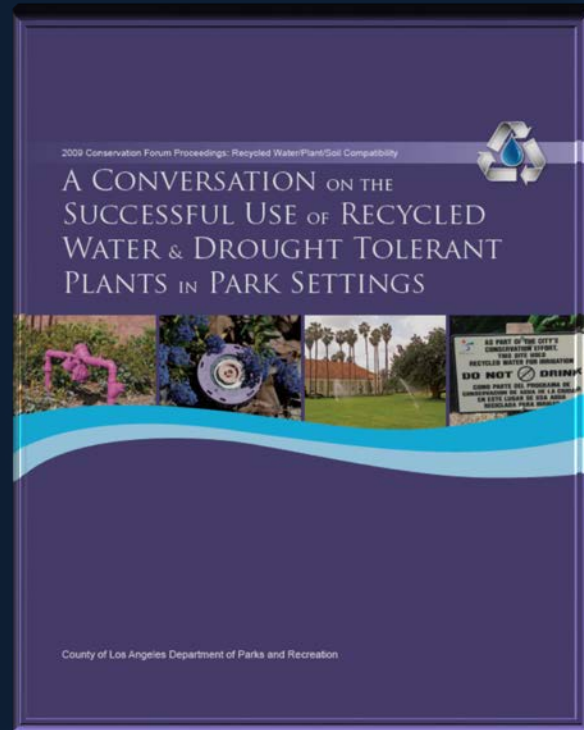
THE DEPARTMENT'S ADDITIONAL WATER CONSERVATION MEASURES



- The creation of our Water and Energy Taskforce
- Upgraded outdated irrigation systems with water saving irrigation systems
- Replaced 278 inefficient irrigation controllers with weather based irrigation controllers in 41 parks
- Removed 280,782 sq. ft. of turf at El Cariso Golf Course
- Development of water conserving design guidelines



In 2009 we promoted the use of
recycled water through the
“Conservation Forum”
hosted by the Department of Parks
and Recreation along with the
Metropolitan Water District
Invited were 88 County incorporated
cities, water districts and purveyors



COUNTY ARBORETUM WATER CONSERVATION PROGRAM

COMMITMENT TOWARD A 36% WATER REDUCTION

We have :

- Installed high efficiency irrigations systems including weather based controllers
- Reduced the turf areas
- Prioritized using climate adapted plant material
- Added new filtration systems to the water features
- Added drip irrigation to the Garden For All Season
- Evaluated and monitored the watering schedules



ARBORETUM DEMONSTRATION GARDEN “CRESCENT FARMS”



Water conservation efforts
through public education

This demonstration garden includes:

- water harvesting
- organic soil building
- climate adapted plant selection