



Los Angeles  
Department of  
Water and Power

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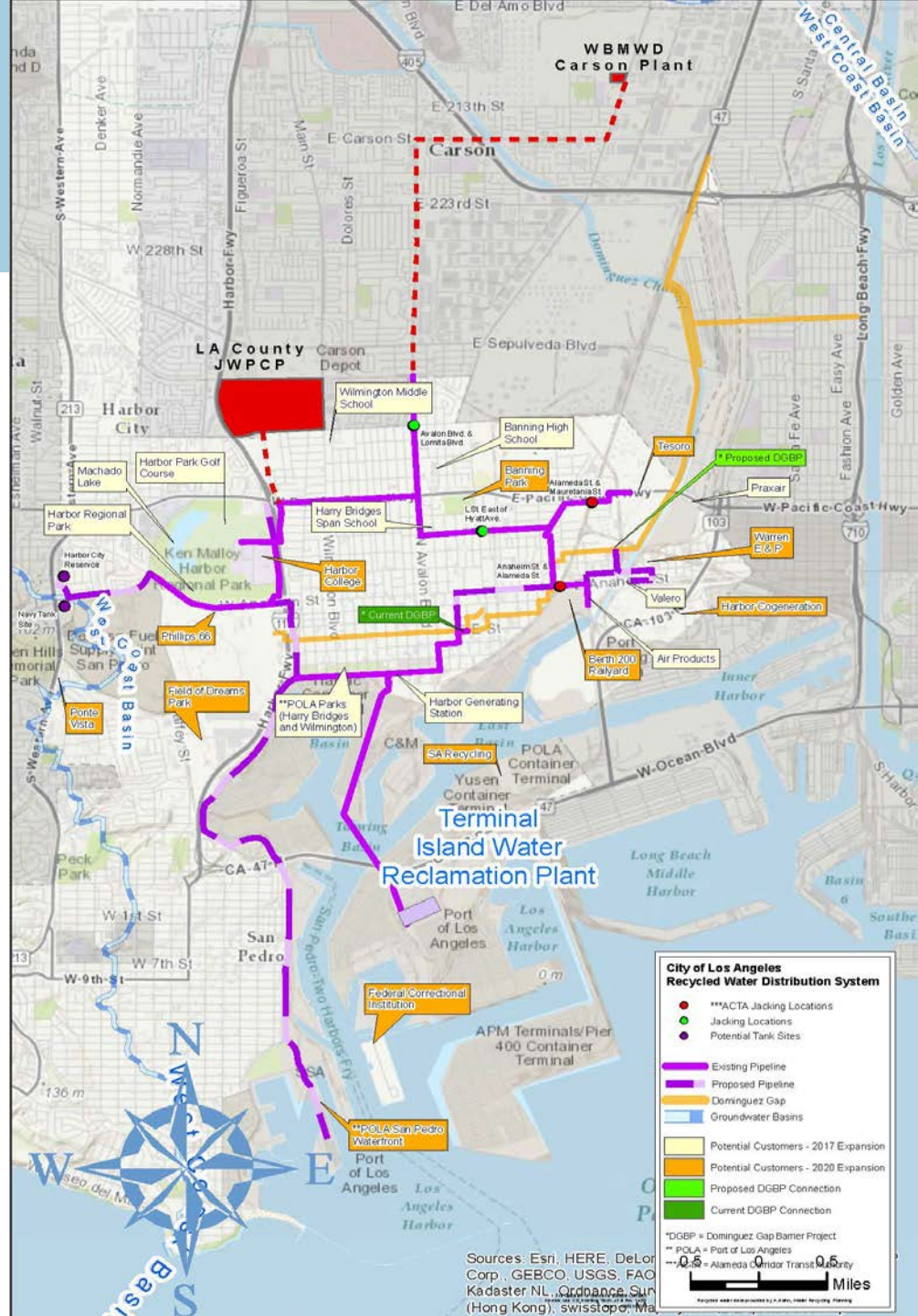
**Water Recycling  
Program**



# Harbor Area

## Major Potential Customers

- Dominguez Gap Barrier – 7,500 AFY
- Valero – 1,000 AFY
- Tesoro – 4,000 AFY
- Phillips 66 – 6,600 AFY
- Air Products – 2,800 AFY





# LAX Expansion



LAX Development

Existing LAX Irrigation

LAX Long Term  
Expansion

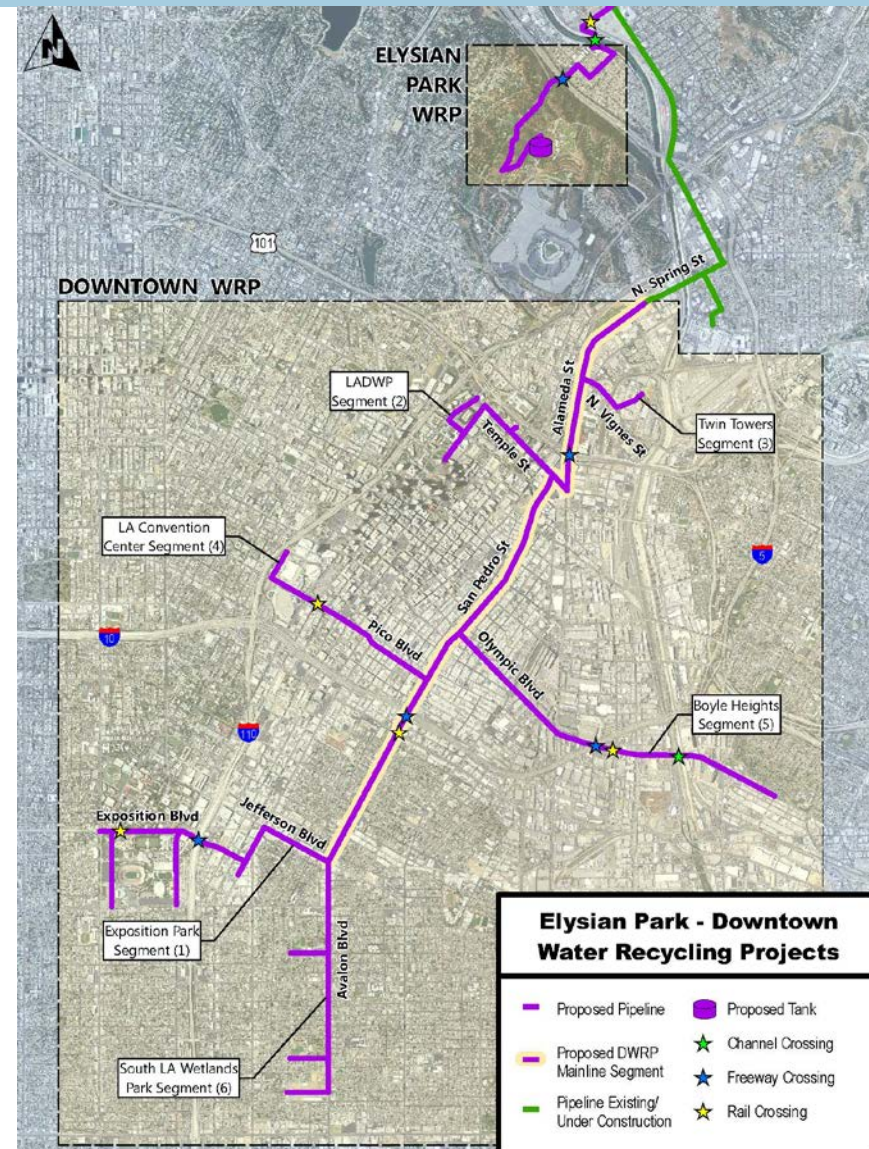
LAX Imperial / Sepulveda  
Interchange

New Purification  
Facilities at Hyperion  
Treatment Plant

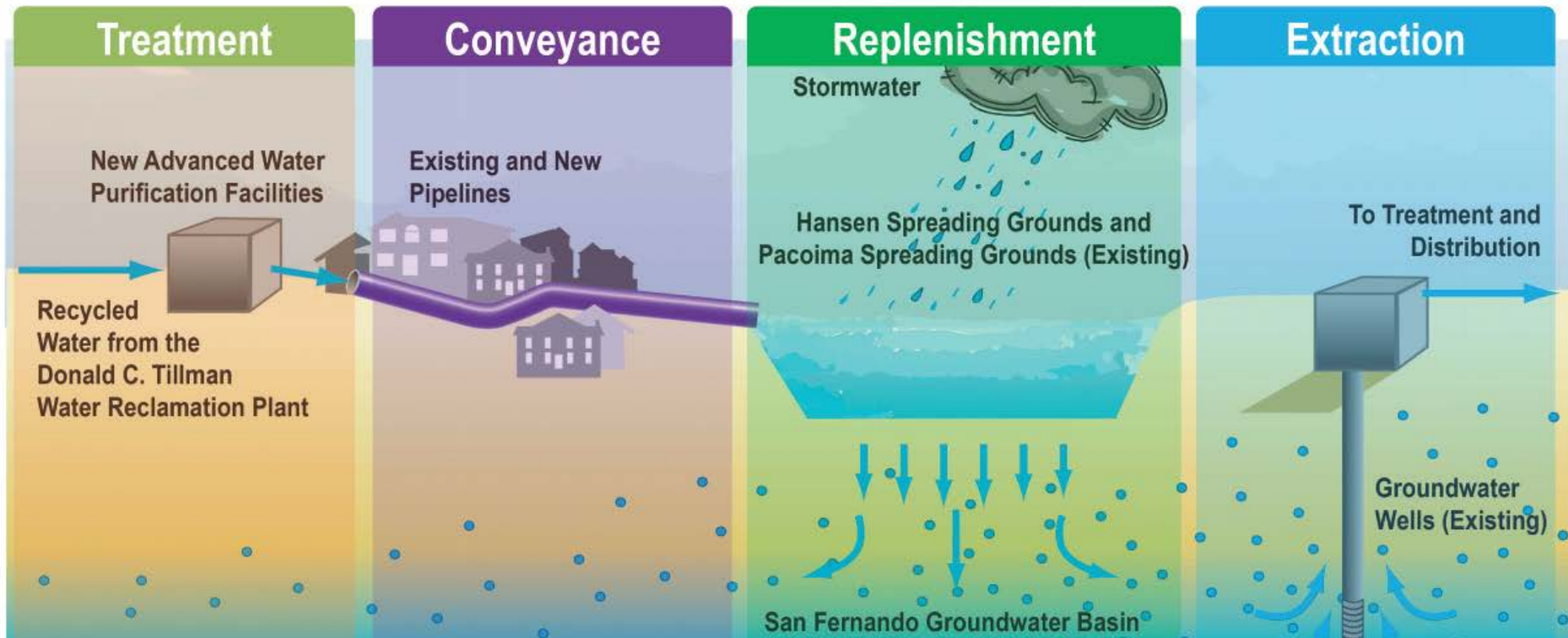


# Downtown Water Recycling Project

Construct  
**86,500 feet of purple pipe**  
to bring recycled water to  
**Downtown Los Angeles**



# Groundwater Replenishment





# Draft Environmental Impact Report - Outreach

Draft Environmental Impact Report  
SCH No. 2013091023

## Los Angeles Groundwater Replenishment Project

Prepared for:



Los Angeles Department of Water and Power  
Environmental Affairs  
111 North Hope Street, Room 1044  
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Prepared by:



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May 2016



**Mission Hills  
Neighborhood  
Council**



**Pacoima  
Neighborhood  
Council**



**Felipe Fuentes**  
Councilmember of the Seventh District



Neighborhood Council



**Encino  
Neighborhood Council**



**The  
Japanese  
Garden**



Los Angeles Neighborhood  
Council Coalition



**Pacoima  
Beautiful**

**Van Nuys Neighborhood Council**



MISSION HILLS BASIC CAR 1943  
NEIGHBORHOOD WATCH

# Draft Environmental Impact Report - Comments

use water from Hyperion Treatment Plant

failure to maintain the Ecology Pond at Chatsworth Nature Preserve

ban the sale of single flush toilets and incentivize their replacement with dual-flush

**endangered species**

**development**

**supportive**

LA needs to move fast to catch up

seismically active areas

wildlife, in particular wildlife dependent on a wetland environment, is being made a sacrificial lamb for the benefit of large residential and commercial developments

reliability

conclusions are disingenuous

**growth**

ratepayers should vote on project

no stated commitment to maintain (or reduce) water supply levels after the completion of the project at the same (or reduced) levels prior to the initiation of the Project

**outreach**

educate on success of other systems

adequate base flows for the nearby lakes and the

*Los Angeles River*

start educating today's youth so they don't hose their driveways down

scarcity and continuing shrinkage and abuse of habitat islands

OPPOSE the Governor's 'Twin Tunnels' project

**Brine**

explore desalination plants

**health**

use tertiary water IMMEDIATELY for urban farming, fighting wildfires, LA River flow enhancement

hospitals feed Tillman plant

Poisons from runoff

purified recycled water triggering release of contaminants in soil

extend the review period

other related activities are closely related, a Programmatic EIR is more appropriate

refuse ANY water for fracking

**contamination**

failure of our infrastructure

**\$\$\$ cost \$\$\$**

**traffic**

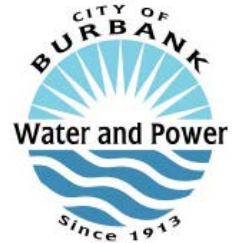
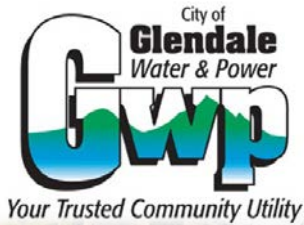
*Toilet-to-Tap*

moving IMMEDIATELY to the 'toilet to table' model which is in use in Israel and on the space station

incentivize local sourcing of water by factoring ALL costs of importing water from the Owens Lake, Colorado River, and other sources into consumer price

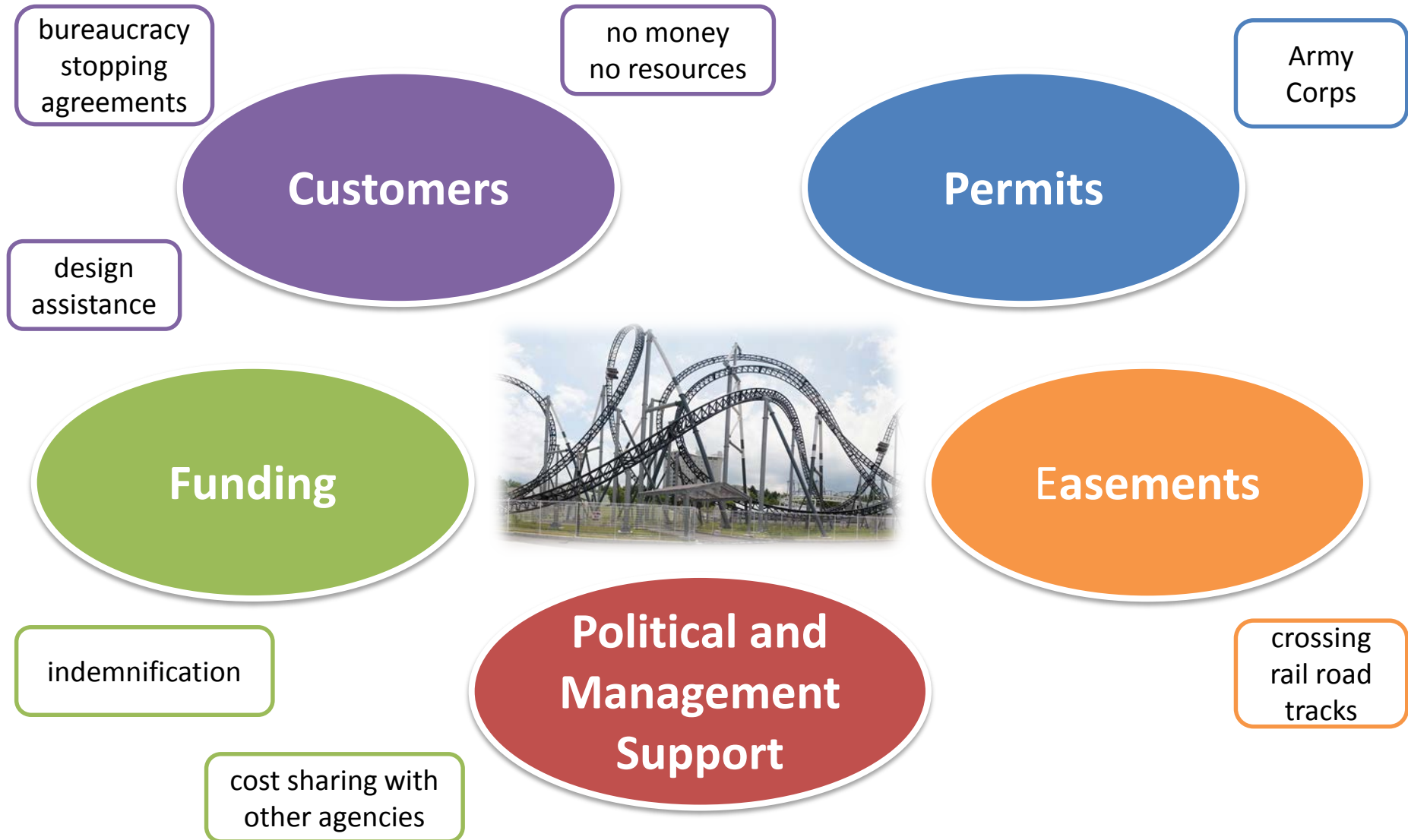
half the City's needs can be obtained from existing rainfall

# Partnerships





# Lessons Learned



# Goals



ERIC GARCETTI  
MAYOR

## EXECUTIVE DIRECTIVE NO. 5

Issue Date: October 14, 2014

Subject: Emergency Drought Response – Creating a Water Wise City

- A reduction in the Department of Water and Power's purchase of imported potable water by 50% by 2024.



Los Angeles  Department of Water & Power

## URBAN WATER MANAGEMENT PLAN

2015



**Exhibit 40**  
*Recycled Water Use Projections*

Category	Project Use (AFY)				
	FY 19/20	FY 24/25	FY 29/30	FY 34/35	FY 39/40
Municipal and Industrial Uses <sup>1</sup>	19,800	29,000	39,000	42,200	45,400
Indirect Potable Reuse (Groundwater Replenishment)	0	30,000	30,000	30,000	30,000
Subtotal	19,800	59,000	69,000	72,200	75,400
Environmental Use <sup>2</sup>	26,740	26,740	26,740	26,740	26,740
Total	46,540	85,740	95,740	98,940	102,140

use categories LADWP plans to increase to meet the goals established in ED5 and pLAn. LADWP recycled water use is projected to reach 59,000 AFY by FY 2024/25 by adding 19,000 AFY of planned municipal/industrial use and 30,000 AFY of indirect potable reuse (groundwater replenishment), and further increase to 75,400 AFY through the remainder of the projection period by adding another 16,000 AFY of potential customer growth.



# Residential Fill Station Pilot Program

- **Up to 300 gallons of FREE recycled water**
  - LADWP customers only
  - Brief training required
  - Containers must be water-tight and labeled
- **LA Zoo Parking Lot (Northside)**
  - Tuesdays 8 am – 11 am
  - *Subject to change*
- **LAG – 2<sup>nd</sup> location to open soon**

**Learn More:**

**[www.LADWP.com/RWFS](http://www.LADWP.com/RWFS)**



# Residential Fill Station Pilot Program



**7 Operating Days**

**19 Registered Users**



**1900 Gallons of RW**



# Residential Fill Station Pilot Program





# Questions?

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