

A decorative graphic on the left side of the slide, featuring a large, stylized water drop shape in shades of green and blue, with a white outline. The drop is set against a background of curved, overlapping bands in green, blue, and purple.

San Fernando Valley Water Recycling Project

Encino Neighborhood Council

July 22, 2015

Serge Haddad, P.E.
Water Recycling Policy Group

Jahayra Gastelum
Water Recycling Planning Group

Los Angeles Department of Water and Power



Outline

LA's Water Supply Situation

Project Objectives

Project Description

Project Schedule

Construction Process

Questions



L.A.'s Water Supply Situation

Nearly 90% of L.A.'s Water Comes from Hundreds of Miles Away



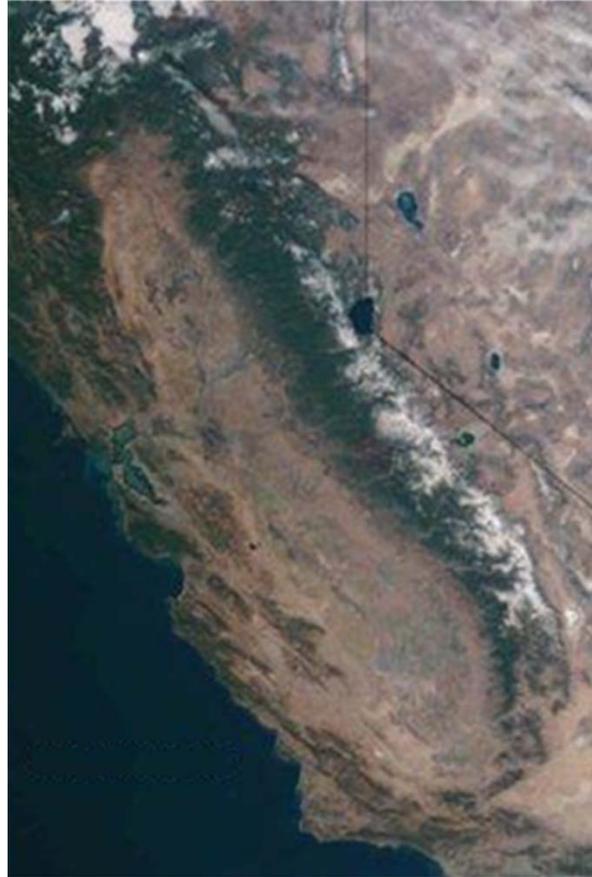


Snowpack: 2013 - 2015

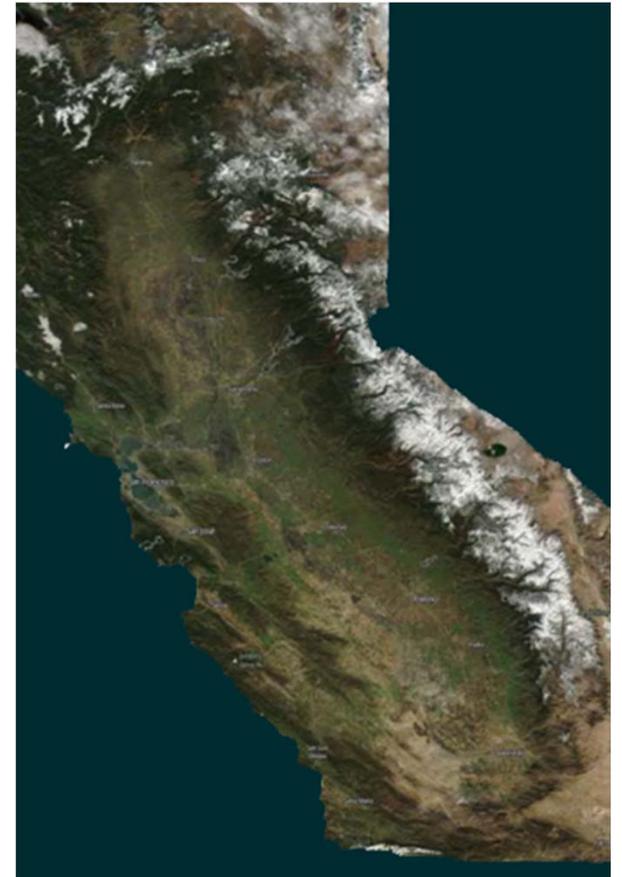
January 2013



January 2014



January 2015





L.A. Plans to Increase Water Recycling

Two Key Strategies:

More purple pipe



More groundwater replenishment



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San Fernando Valley Water Recycling Project



Project Objectives

- **Construct infrastructure to convey recycled water**
 - Efficient use of limited water resources
- **Provide recycled water**
 - Large demand customers (Birmingham Schools)
 - Public parks (Sepulveda Basin Sports Complex)
- **Improve reliability of local water supply**
 - Lower future costs for all customers

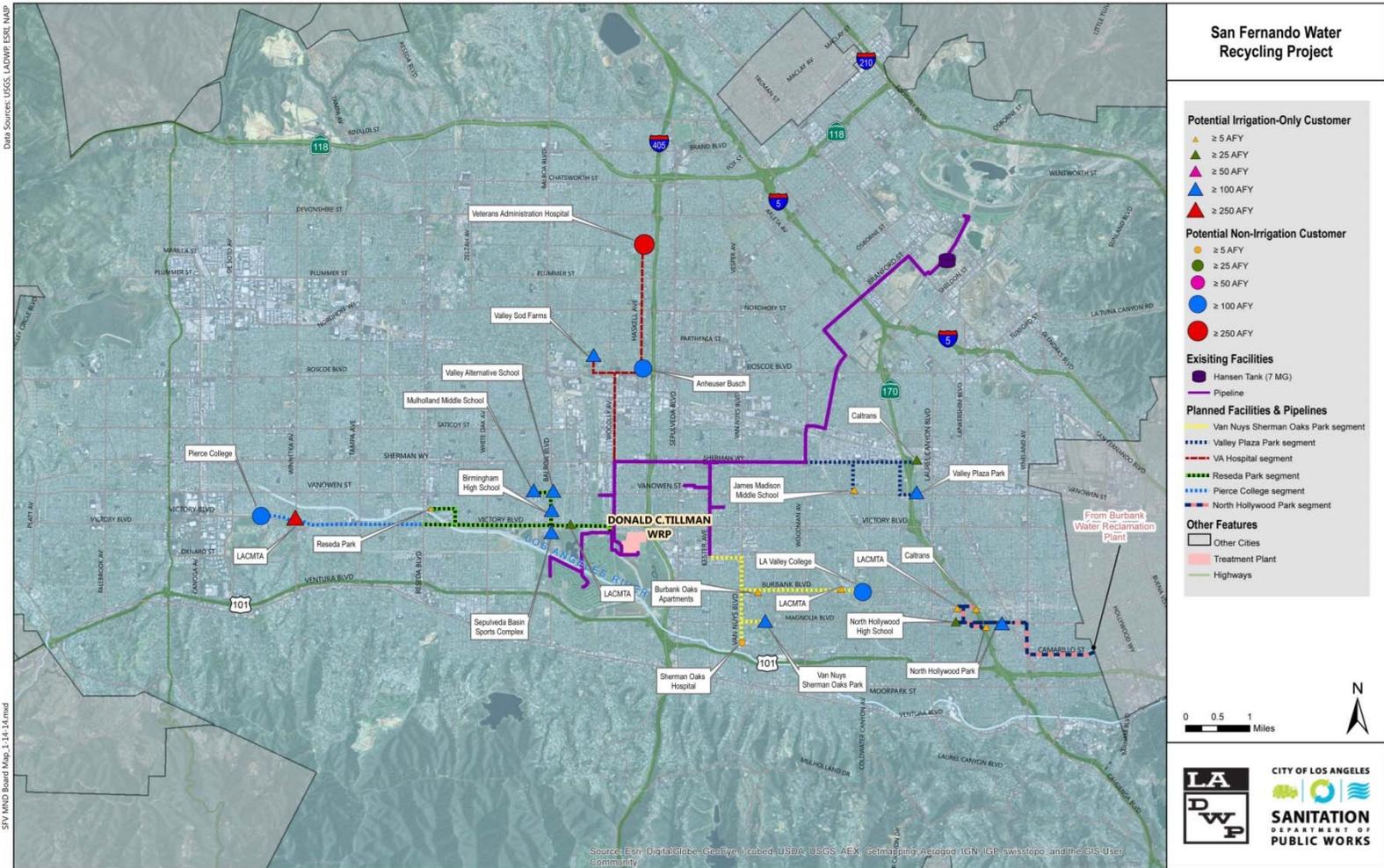


Project Description

San Fernando Valley Water Recycling Project

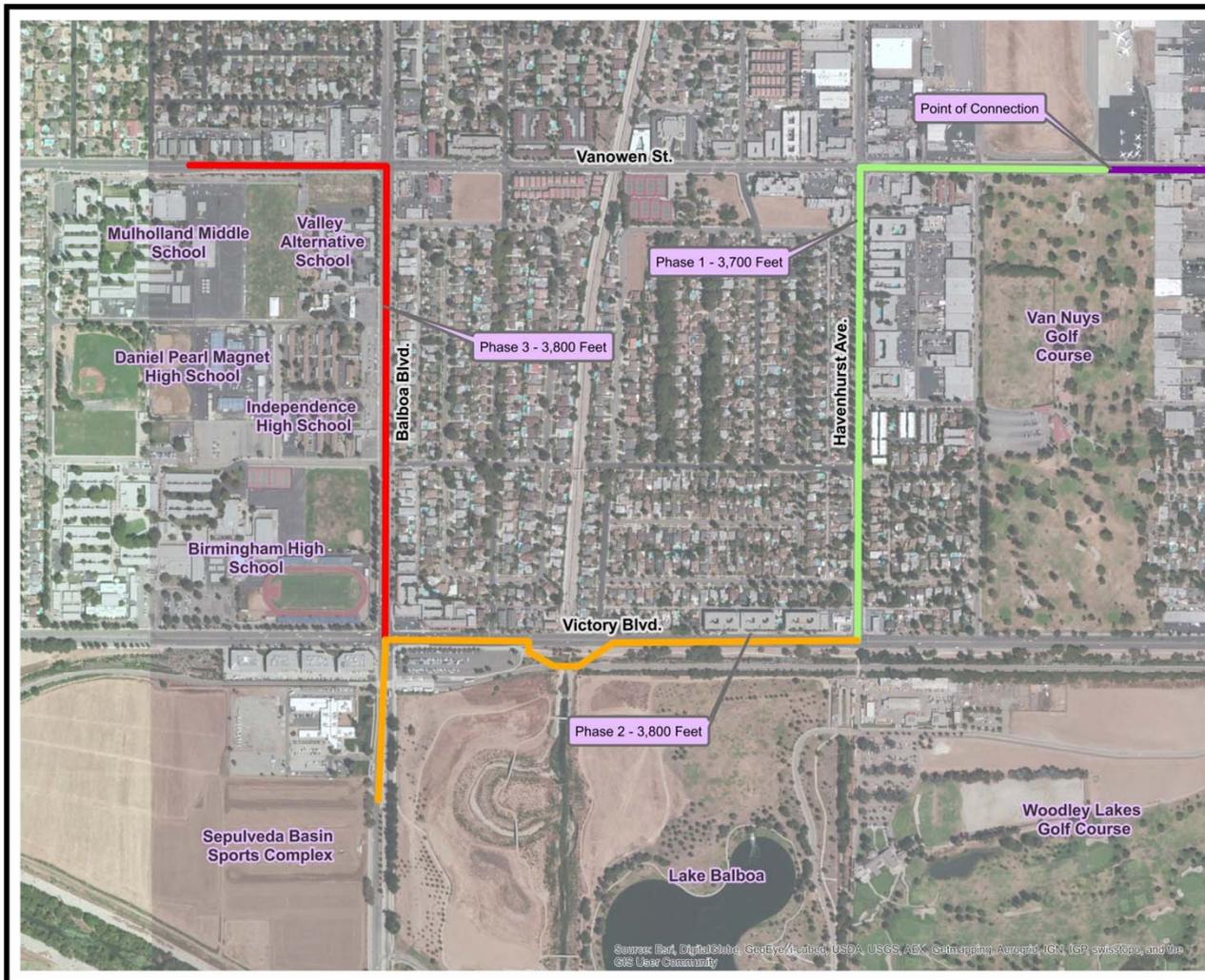
- Six Segments
 - North Hollywood Park: 18,280 feet
 - Valley Plaza Park: 14,700 feet
 - Van Nuys-Sherman Oaks Park: 21,800 feet
 - Reseda Park: 11,000 feet
 - VA Hospital: 21,400 feet
 - Pierce College: 13,600 feet
- Total = 90,880 feet (or 17 miles)

San Fernando Water Recycling Project



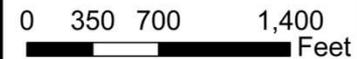


Project Map



Sepulveda Basin Sports Complex Water Recycling Project

- Existing 16" Recycled Water Line
- Phase 1 - 16" Recycled Water Line
- Phase 2 - 16" Recycled Water Line
- Phase 3 - 16" Recycled Water Line



Source: Esri, DigitalGlobe, GeoEye, AeroGRID, USDA, USGS, AEX, Getmapping, Aerotrim, IGN, IGP, swisstopo, and the City User Community



Reseda Park Segment

- Offset up to 308 AFY of imported water
- Construction
 - 11,000 feet of pipeline
 - February 2015 – June 2017
 - ◆ Phase 1 began construction in February 2015 (completed)
 - ◆ Phase 2 will be constructed 15-16 fiscal year
 - ◆ Phase 3 will be constructed 16-17 fiscal year



Open Trench Construction

Construction Steps

- Surveying
- Traffic Control
- Saw-Cutting
- Trenching
- Excavation
- Laying Pipe
- Backfill
- Steel Plates
- Repaving



You Play An Important Role in Securing L.A.'s Water Future

Spread the word in your community.

Request a presentation: recycledwaterinfo@ladwp.com

Fill out an support card for more information.

Stay updated on our website: www.ladwp.com/recycledwater





Questions?

Contacts: **Serge Haddad, P.E.**
Water Recycling Policy
(213) 367-8744
serge.haddad@ladwp.com

Jahayra Gastelum
Water Recycling Planning
(213) 367-8881
jahayra.gastelum@ladwp.com

George Zordilla, P.E.
Water Recycling
(213) 367-2835
george.zordilla@ladwp.com