Stormwater Capture Parks Program

Programmatic Innovations to Enhance Communities and Delivery Efficiency: Alternative Delivery and Financing

Southern California Water Coalition
Stormwater Workshop
September 27, 2019
Agenda

- Project Objective
- Project Overview
- Programmatic Approach
- Project Delivery Method
- Funding Sources
- Lessons Learned
Meet the City’s Urban Water Management Plan goals – capturing 150,000 AFY of stormwater by 2035

• Mayor’s Green New Deal (Sustainable City Plan)

• Reduce purchase of imported water by 50% by 2025

• Source 70% of water locally by 2035

  Including capture 150,000 AFY of stormwater

Program Objective

Recycle 100% of Waste Water by 2035

Reduce Potable Water Use:

- 22.5% By 2025
- 25% By 2035
Program Overview

Scope:
To capture surface flows and divert stormwater runoff from nearby storm drains to infiltrate into the San Fernando Groundwater Basin

Overview:
• Approx. Drainage Area: 5,700 acres
• Estimated Yield: 2,900 AFY
• Total Program Cost: $231M
• First Completion Date: Late 2023
• Mostly located in DACs
Program Overview

Benefits:

• Increase local water supply
• Improve water quality
• Increase flood control capacity

• Provide park improvements
• Raise public awareness

Partners:

• LA Recreation and Parks
• Bureau of Engineering
• Bureau of Sanitation
• LA County Flood Control District
• Caltrans

Infiltration Chambers at City’s Garvanza Park
Program Delivery Method

- **Design**
  - Have Program be shovel-ready as soon as possible

- **Fund**
  - Apply to eligible grants
  - Secure potential funding partners

- **Implement**
  - Once funding is secure, continue with bid, award, and construction
Programmatic Design Approach

- Council Districts
  - CD 2, 6, 7

- Multi-jurisdictional storm drain
  - Caltrans
    - Underground pipe
  - LACFCD
    - Underground pipe
    - Open channel
Delivery Efficiency

• Design programmatically
  • Consolidate outreach meetings
    • Same Council Districts & Neighborhood Councils
    • Consistent theme to the community
  • Similar construction permits
• Secure funds
  • Apply for grants once available
    • Will be more competitive
  • Finalize all partnerships
Delivery Efficiency

• Phase Implementation
  • Best sequencing management
  • Priority Projects
    • Project cost is fully funded
    • Grant funding is secured
    • MOA(s) are executed
Funding Sources

Internal

LA DWP

STORMWATER CAPTURE MASTER PLAN
AUGUST 2015

Geosyntec consultants

ladwp.com
Lessons Learned

Be shovel-ready for grants!

Secure partnerships early!
Thank you

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