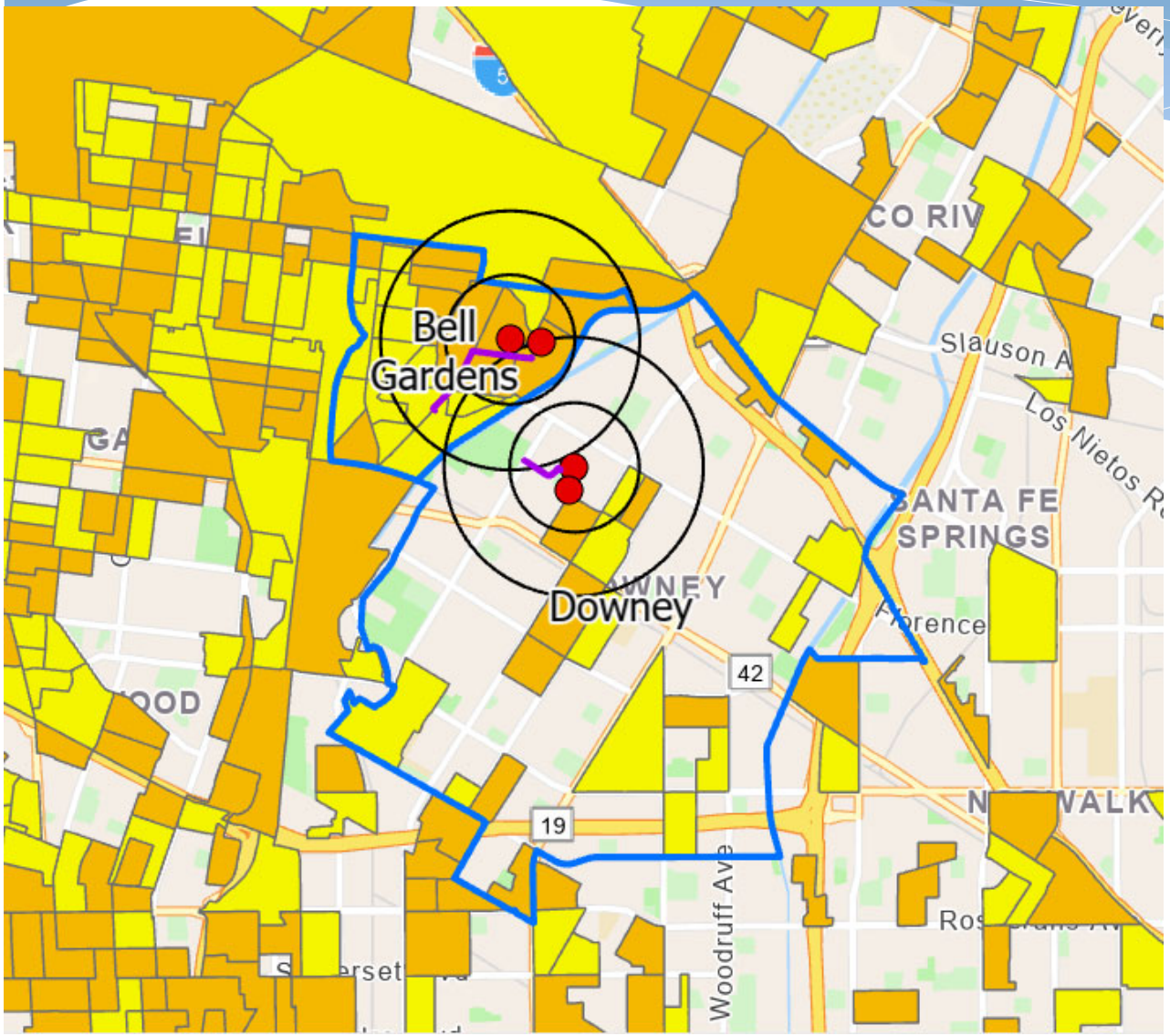
Gateway Water Management Authority

GWMA Regional Recycled Water Expansion Project

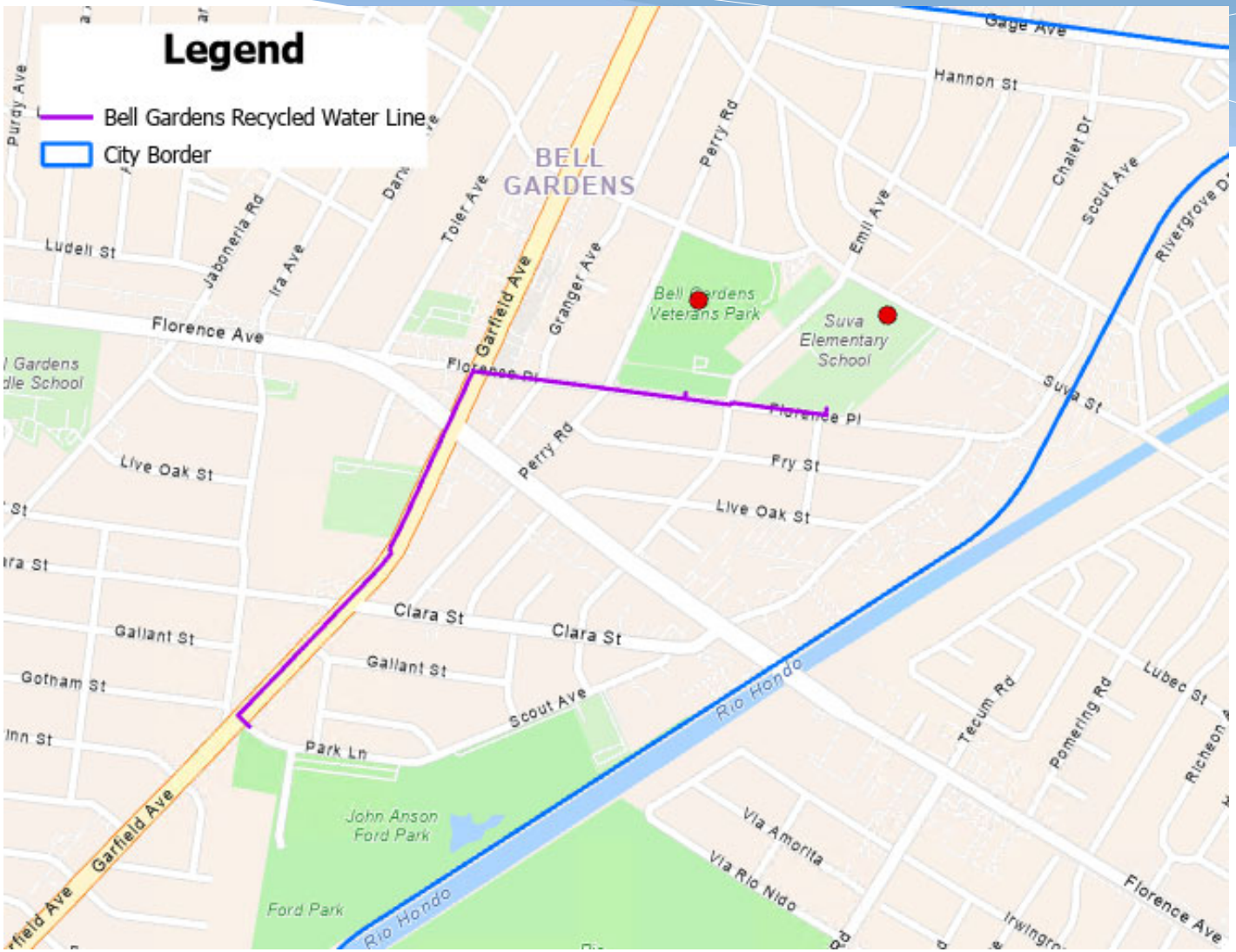
Yoshi Andersen, Geosyntec Consultants
Dan Mueller, City of Downey
Grissel Chavez, City of Bell Gardens

Project Location
DAC Benefits

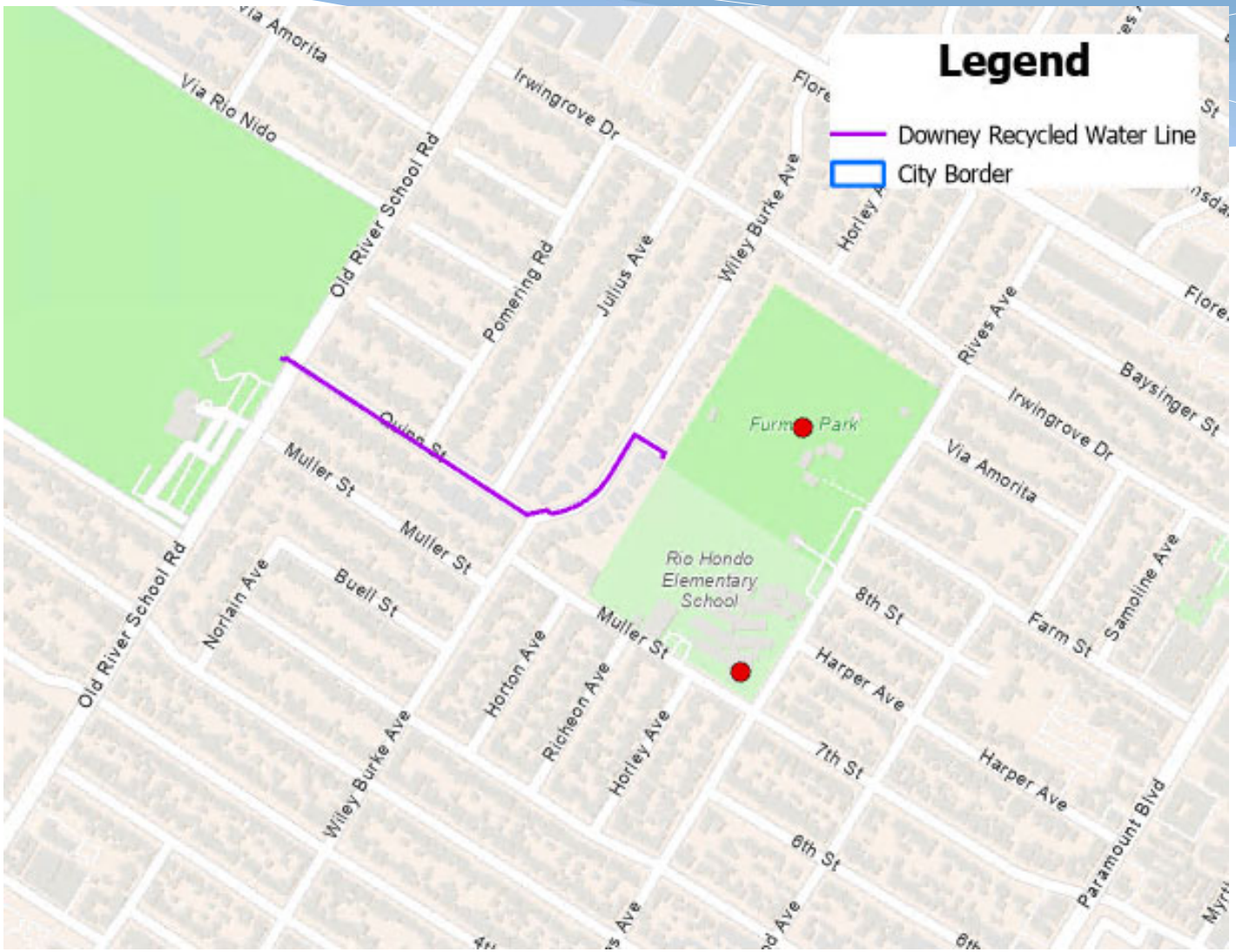


DAC & SDAC Communities located within 0.5 miles and 1 mile of parks and schools to be served by recycled water lines

Project Location
Recycled Water Lines: Bell Gardens



Project Location
Recycled Water Lines: Downey



Project Description

* The GWMA Regional Recycled Water Expansion Project will include the extension of recycled water main lines to two community parks and two schools in Bell Gardens and Downey respectively.
* These extensions will offset a total of 82 acre-feet of potable water per year.
* Estimated project completion date upon receipt of funding: 2024/2025

Project Benefits

- Potable water offset: 82 AF/year
- Supports local green open space amenities used by disadvantaged communities
- Critical Needs of the GLAC IRWM Plan addressed:
  - ✓ Improves local water supply by increasing non-potable reuse of recycled water
  - ✓ Address climate change vulnerabilities through irrigation efficiency
- Statewide Priorities addressed:
  - ✓ Encourage regional approaches among water users
  - ✓ Facilitate drought preparedness through long term reduction of potable water use
  - ✓ Increase climate resilience through water reuse
  - ✓ Strengthen partnerships between local governments and water agencies

CEQA & Permit Status

CEQA/Permit Document (List all per EIF)	Start Date	End Date
City of Downey Public Works Encroachment Permit (Downey)	2022	2023
Division of Drinking Water (Bell Gardens)	2023	2024
Los Angeles County Flood Control District (Bell Gardens)	2023	2024
Los Angeles County Sanitation District (Bell Gardens)	2023	2024
Los Angeles County Department of Public Health Recycled Water Plan Approval (Both)	2022	2024

Project Budget

Budget Category	Grant Request	Cost Share	Other Cost	Totals
A. Project Administration	$546,600	$2,644	-	$549,244
B. Land Purchase/ Easement	-	-	-	-
C. Planning/Design Engineering/ Environmental Documentation	$320,000	$25,000	-	$345,000
D. Construction/ Implementation	$2,506,000	$618,000	-	$3,124,000
Totals	$3, 372,600	$645,644 (16%)	-	$4,018,244
Minimum Grant Amount Needed:	$3,372,600			

Project Schedule

Budget Categories	Start Date	End Date
A. Project Administration	2023	2025
B. Land Purchase/Easement	-	-
C. Planning/Design/Engineering/Environmental Documentation	2021	2023
D. Construction/Implementation	2023	2025

Expected Challenges/Delays

* Expected challenges and/or delays with:
  * Completing CEQA within 12 months – **Anticipated negative declaration**
  * Acquiring Permits within 12 months – **None**
  * Acquiring 50% Cost Share – **16% cost share available (Project qualifies for 12.5% due to DAC/SDAC)**
  * Adhering to Construction Schedule – **Construction schedule is dependent on securing IRWM funding**
  * Completing project by December 31, 2027 - **None**
  * Completing project, if full grant amount is not awarded - **Bell Gardens project will not be completed without full funding request**

Questions

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  * 949-295-8671

* Traci Gleason, Gateway Water Management Authority
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City of South Gate

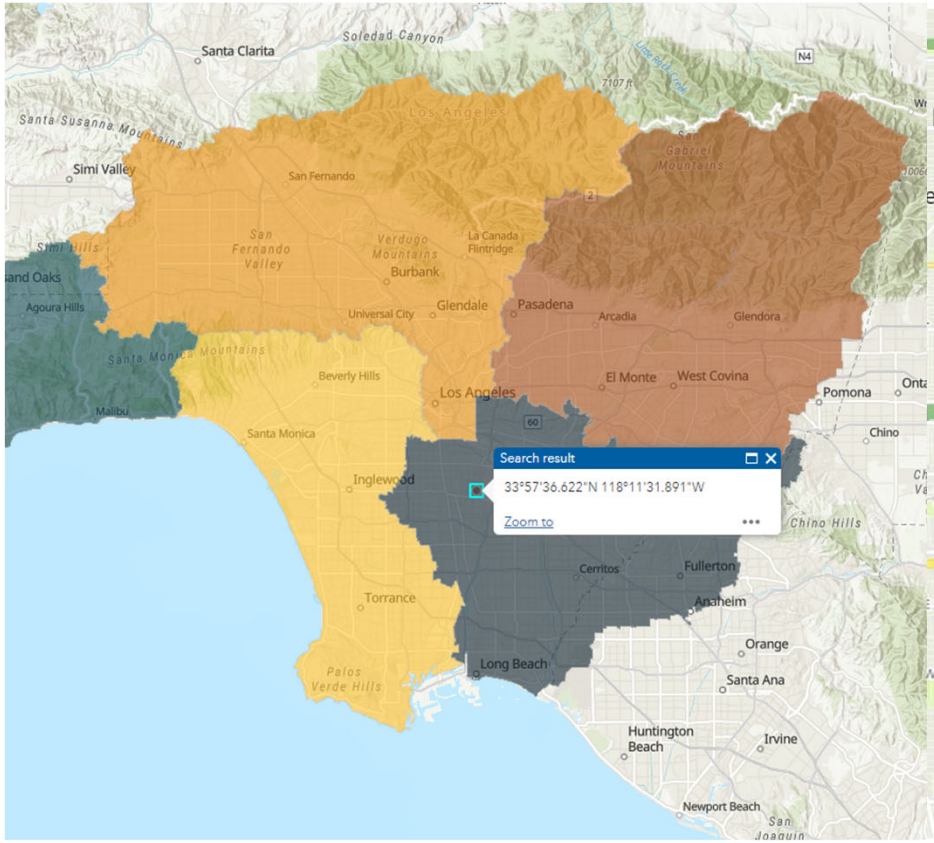
Water Main Replacements to Improve Drinking Water Quality and Fireflow Reliability

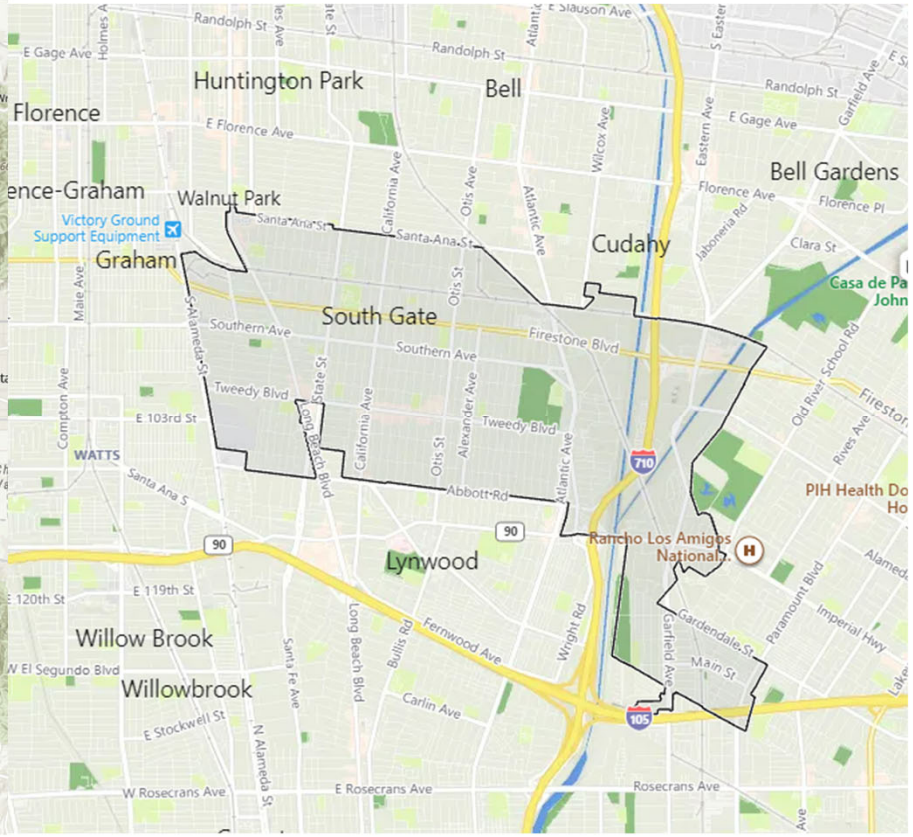
A project prioritized in the WaterTalks Program
(aka IRWM Disadvantaged Community Involvement Program)

Mike Antos, PhD, ENV SP
Senior Integrated Water Management Specialist, Stantec

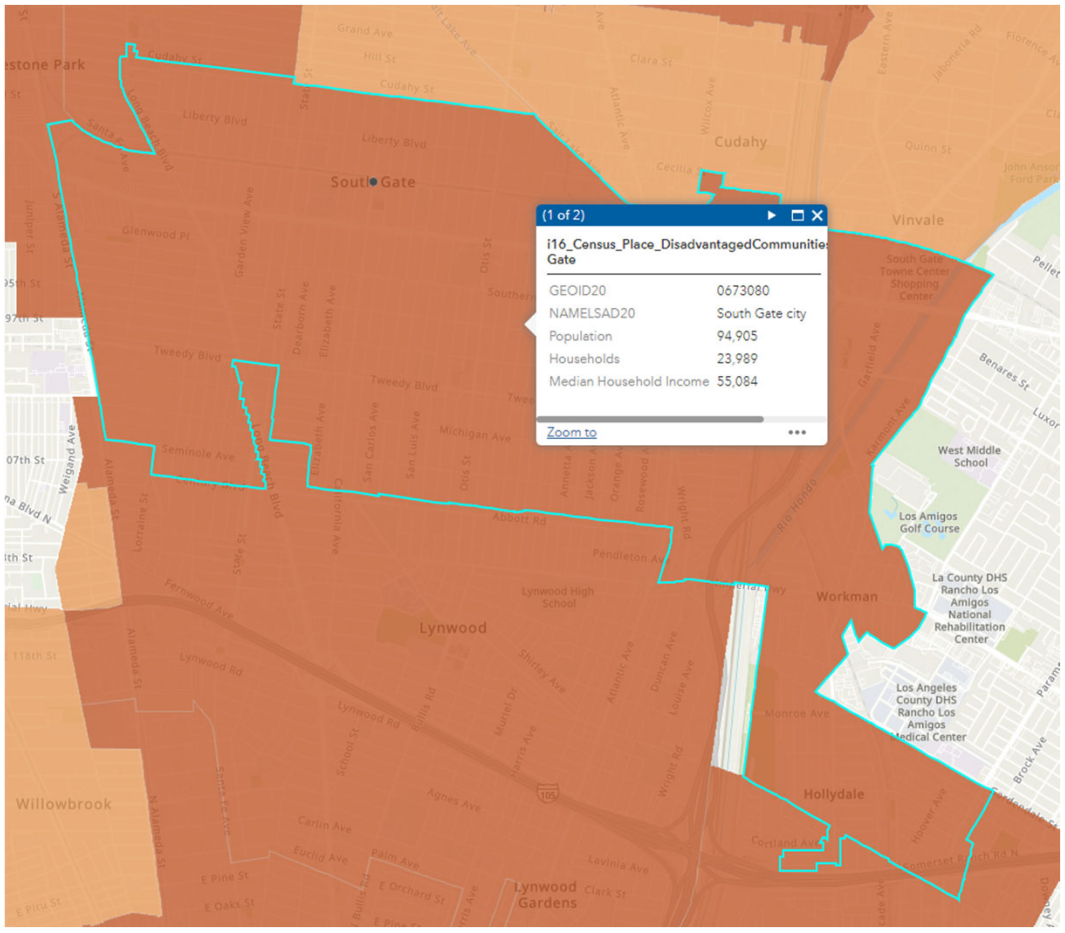
Project Location

Address: 4244 Santa Ana St, South Gate, CA 90280



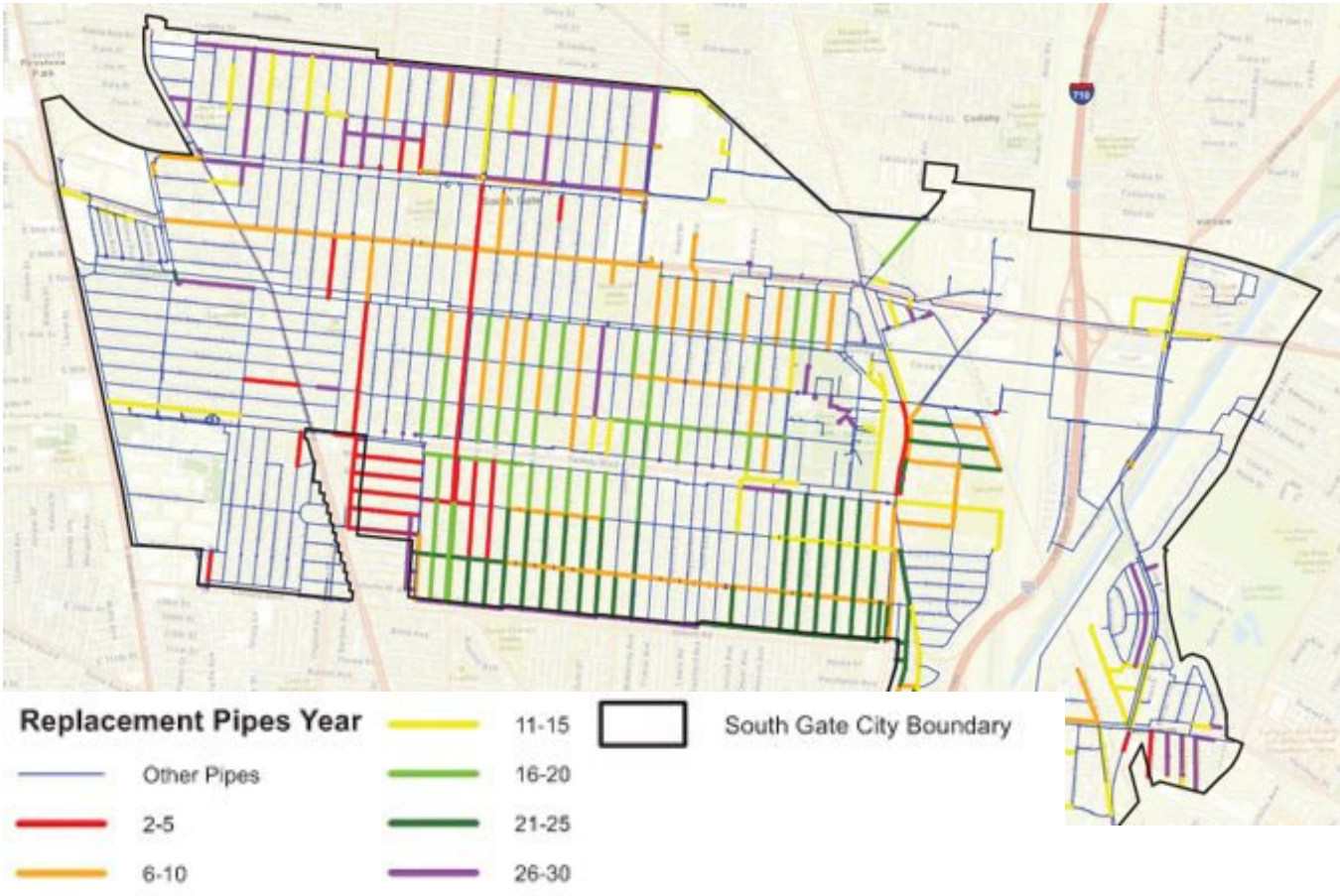


Project Location



Project Description

* Support key water main replacements within the City of South Gate to improve water quality and reliability
* Estimated completion date for this project – August 2024



Project Description

- **Key Components**
  - Engagement between City Water Dept and community members
  - Replace old water mains to reduce tap water discoloration and water leaks, and to increase firefighting flow capacity
  - Address water quality concerns related to discoloration issues, which have undermined the community's trust in tap water and have prompted many to rely on purchasing bottled water

Project Benefits

- **Regional benefits:**
  - Reduce Water Demand
  - Improve Operational Water Use Efficiency
    - Address water leaks and reduce the frequency required to flush the distribution system
  - Improve Water Quality
  - Practice Resources Stewardship
  - Improve affordability
    - Reduce water rate raises for the community served, reduce costs associated with purchased bottled water
  - Increase the community's trust in tap water
- **Statewide Priorities**
  - Drought Preparedness
  - Use and Reuse Water More Efficiently
  - Climate Change Response Actions
  - Expand Environmental Stewardship
  - Effectively integrate water management programs and projects within the Region
  - Ensure Equitable Distribution of Benefits
  - Address critical water supply or water quality needs of disadvantages communities within the region

CEQA & Permit Status

CEQA/Permit Document (List all per EIF)	Start Date	End Date
The project qualifies for a Notice of Exemption, filed by City of South Gate	June 2022	December 2022
City of South Gate/State of California Division of the State Architect (DSA) Review, Building and Safety Review	June 2022	December 2022

Project Budget

Budget Category	Grant Request	Cost Share	Other Cost	Totals
A. Project Administration	-	-	$1,050,000	$1,050,000
B. Land Purchase/ Easement	-	-	-	-
C. Planning/Design Engineering/ Environmental Documentation	-	-	$650,000	$650,000
D. Construction/ Implementation	$3,075,000	-	$5,900,000	$8,975,000
Totals	$3,075,000	-	$7,600,000	$10,675,000
Minimum Grant Amount Needed:	$3,075,000			

Project Schedule

Budget Categories	Start Date	End Date
A. Project Administration	June 2021	August 2024
B. Land Purchase/Easement	n/a	n/a
C. Planning/Design/Engineering/Environmental Documentation	June 2021	December 2022
D. Construction/Implementation	October 2022	June 2024

Expected Challenges/Delays

* Project schedule could be delayed depending on when funding is awarded
* Supply chain challenges may delay construction

Questions

South Gate City Water Department
Chris Castillo, Water Manager
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Stantec
Tori Klug, Environmental Engineer
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626-568-6234

City of Paramount

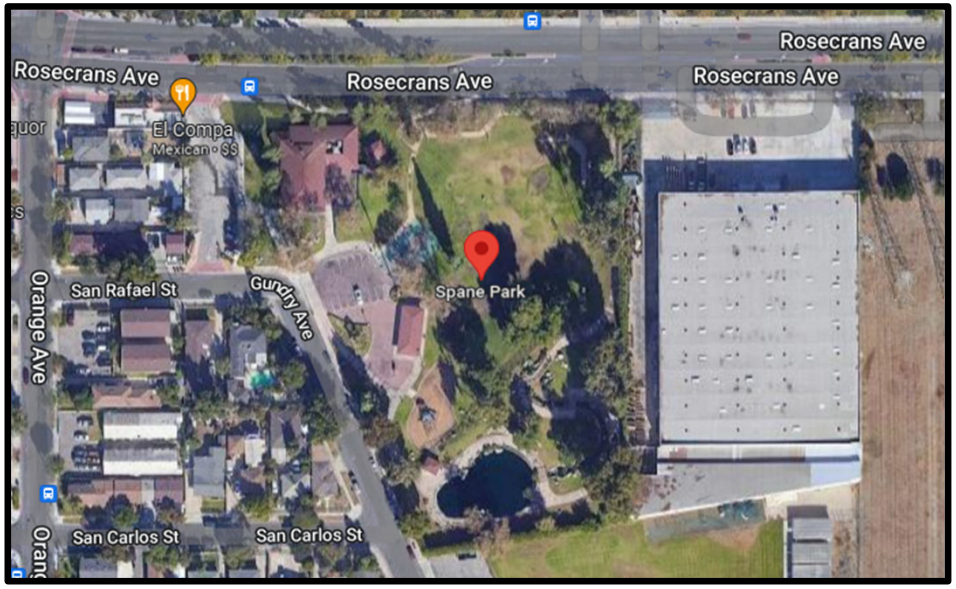
Spane Park Stormwater Capture Project

John Hunter,

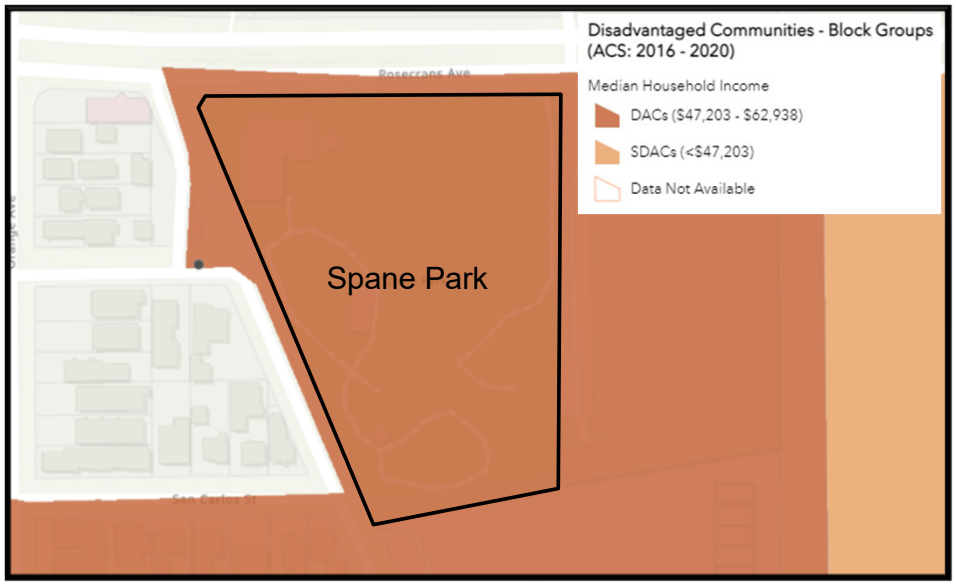
John L. Hunter & Associates

September 20, 2022

Project Location



Satellite Map



DAC Map

Project Description

* The Spane Park Stormwater Capture Project is a regional project that will improve water quality within the LA River, augment local groundwater supply, and provide new and enhanced recreational opportunities for the surrounding communities.

* The project proposes construction of surface features including an ephemeral stream, trails, fitness equipment, picnic areas, parking lot reconfiguration, and renovation of an existing pond.

* Subsurface features include the installation of an 8.6 AF capacity regional stormwater capture and infiltration gallery.

* The project is anticipated to be completed by September 2026.

* ***This project proposal is limited to the pond rehabilitation scope.***

Project Benefits

Benefits of the project:

- The Spane Park project demonstrates habitat and water quality benefits through the implementation of nature-based solutions.

- Multiple public outreach events have been held to get stakeholder input on the nature-based solutions.

Project Benefits

This project addresses the critical needs of the GLAC IRWM Plan through the following:

- The larger project will improve water supply through high infiltration rates that will augment groundwater supply by 28 AF on an average annual basis.
- The larger project reduces flood risk through detention capabilities that contribute toward enhanced flood retention capabilities of the storm drain system.
- The proposed project will enhance habitat and open space & recreation through a proposed new pond improvements, new ephemeral stream, and the planting of native trees post-construction.

Project Benefits

Statewide Priorities the project will address:

- Encourage Regional Approaches Among Water Users Sharing Watersheds
- Drought Preparedness
- Climate Resilience
- Strengthen Partnerships with Local, Federal, and Tribal Governments, Water Agencies, and Irrigation Districts, and Other Stakeholders

CEQA & Permit Status

CEQA/Permit Document (List all per EIF)	Start Date	End Date
CEQA is being prepared as part of the 60% design	12/ 2022	06/2023
100% Design Plans scheduled to be done 12/2022		

Project Budget

Budget Category	Grant Request	Cost Share	Other Cost	Totals
A. Project Administration	$112,000	$1,516,637 (Safe, Clean Water Program)	$537,988	$2,166,625
B. Land Purchase/ Easement	N/A	N/A	N/A	N/A
C. Planning/Design Engineering/ Environmental Documentation	$0	$891,984 (Safe, Clean Water Program)	$0	$891,984
D. Construction/ Implementation	$933,500	$0	$16,177,982	$17,111,482
Totals	$1,045,500	$2,408,621	$16,715,970	$20,260,091
Minimum Grant Amount Needed:	$575,000			

Project Schedule

Budget Categories	Start Date	End Date
A. Project Administration	07/2021	09/2026
B. Land Purchase/Easement	N/A	N/A
C. Planning/Design/Engineering/Environmental Documentation	07/2021	06/2023
D. Construction/Implementation	06/2023	09/2026

Expected Challenges/Delays

* Include expected challenges and/or delays with
  * Acquiring 50% Cost Share
  * Completing project, if full grant amount is not awarded

Questions

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