

Resilience in Local Water Service

The City of Lomita's Path to Ensuring a Safe, Reliable Water Future



Ryan Smoot
City Manager, City of Lomita



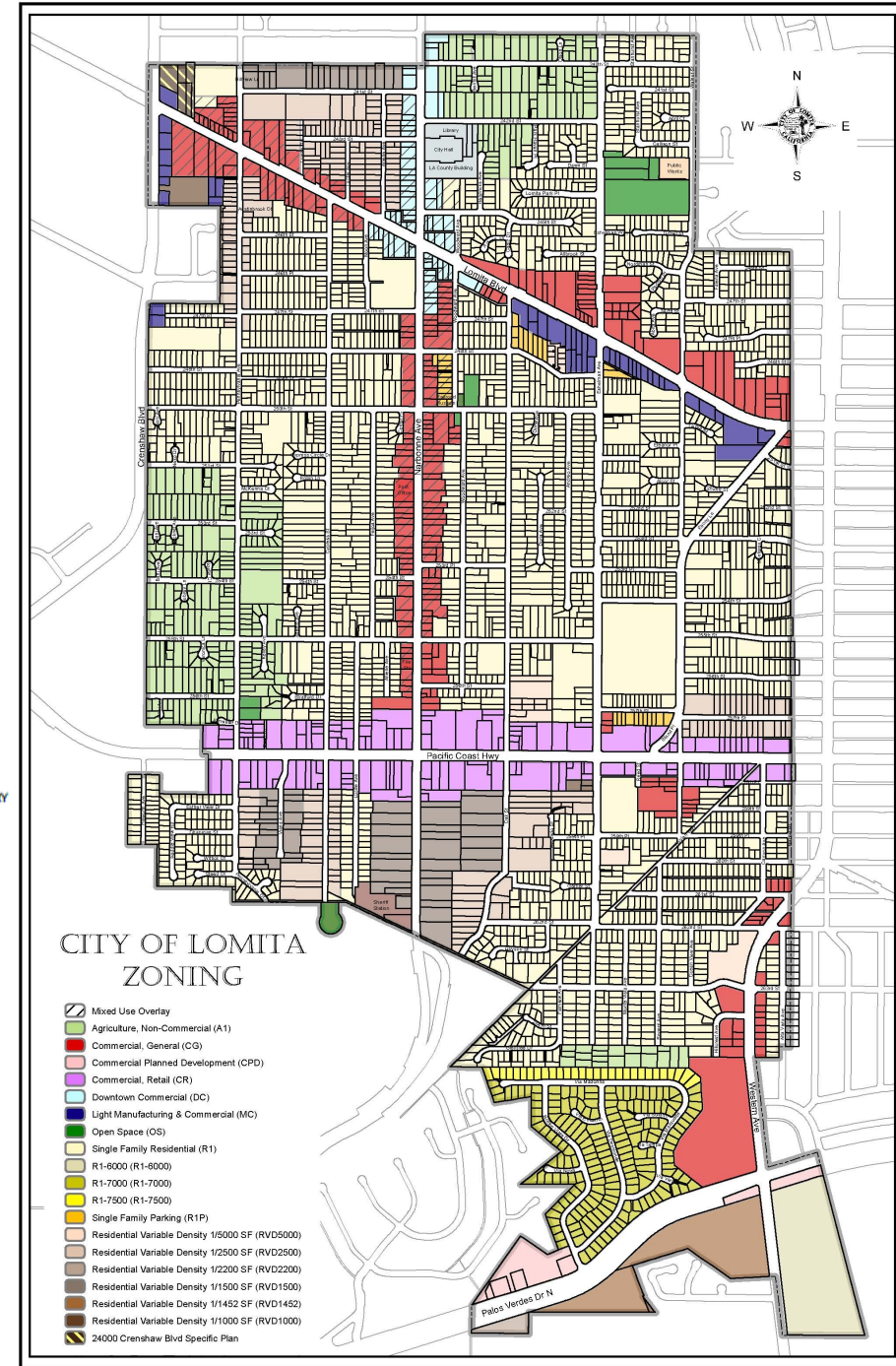
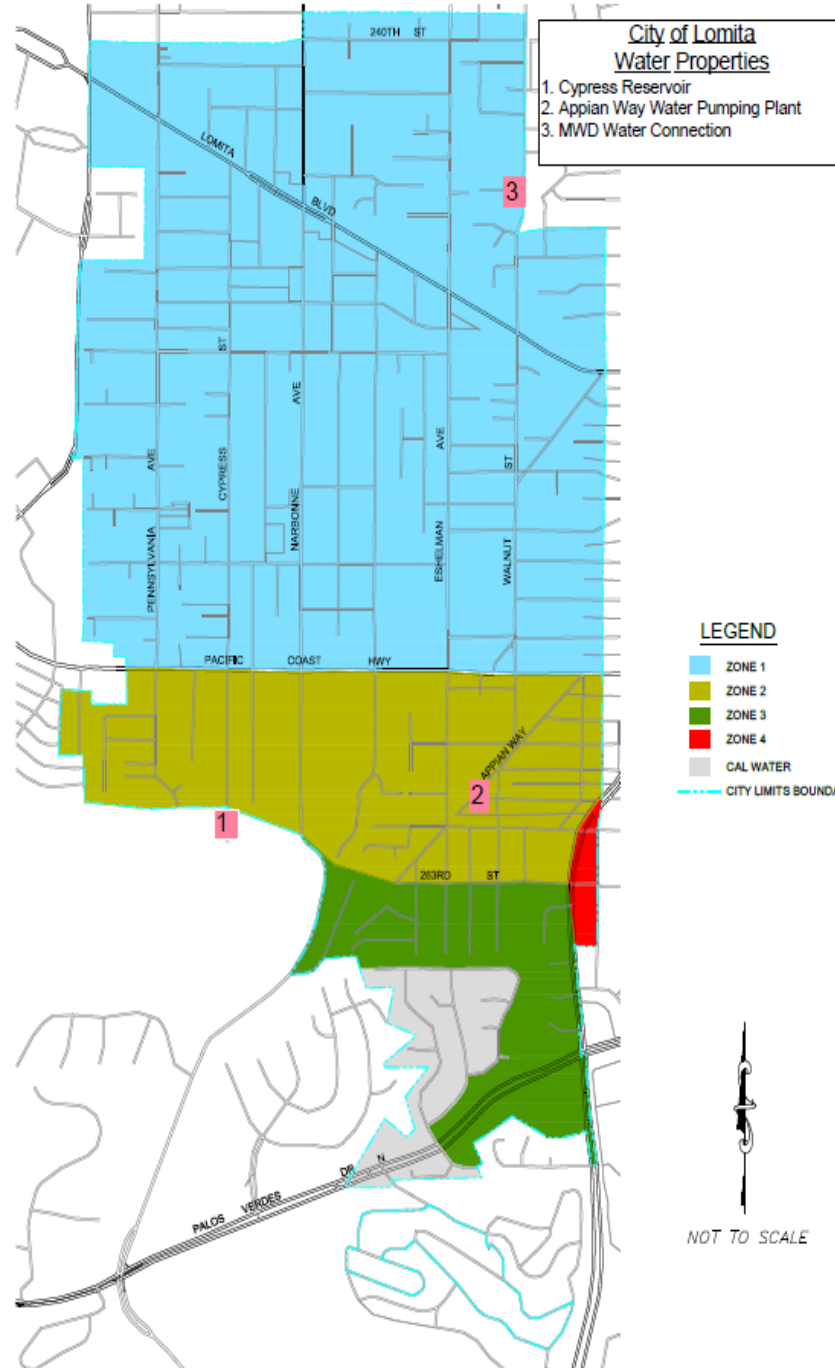


Lomita Water Overview

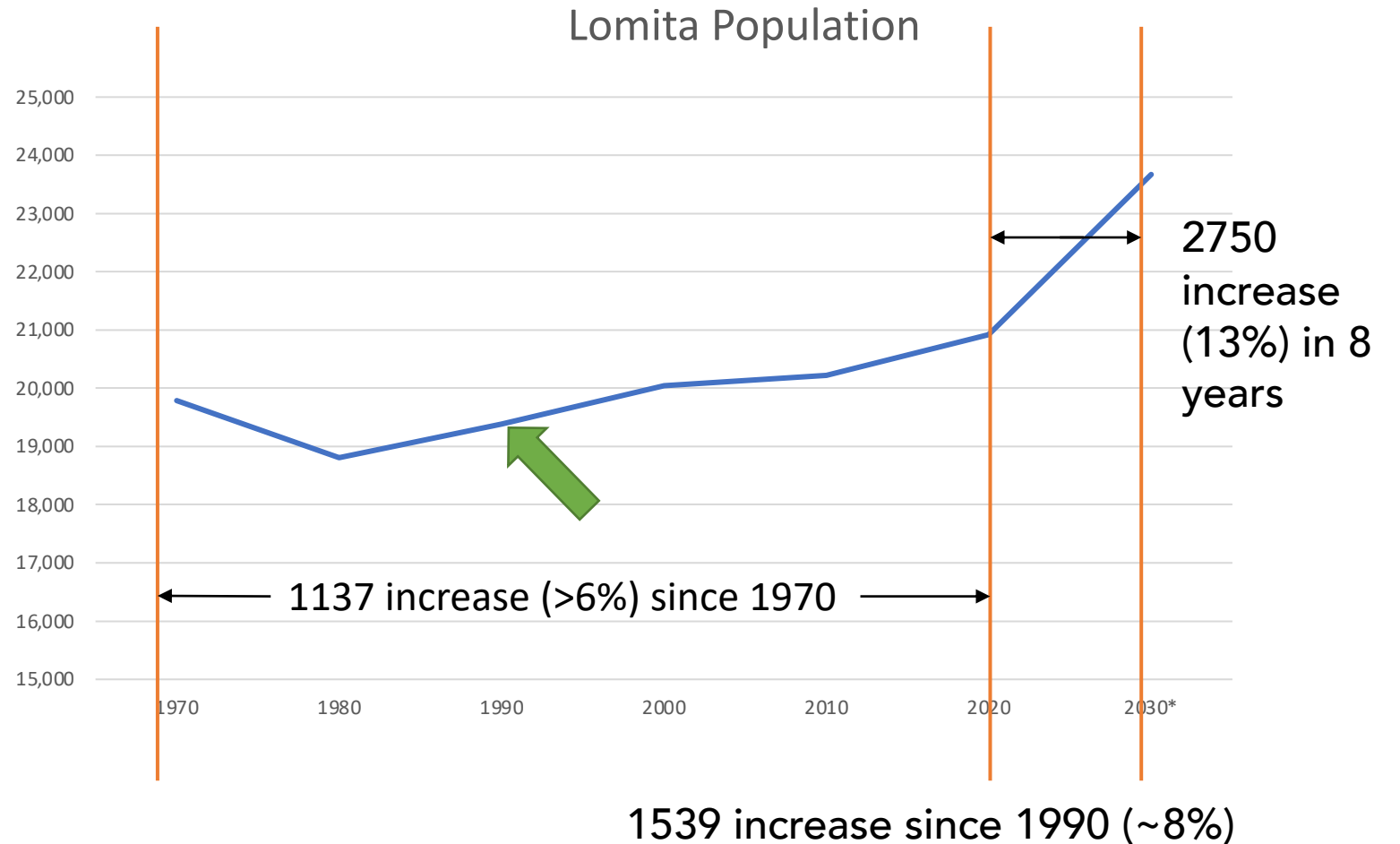
- 21,000 Residents
- 1.9 Square Miles
- 1 Groundwater Well (owned and operated by L.A. County until the early 90's)
- 4,300 connections (94% Residential)
- 4 Pressure Zones
- 43 miles of water mains
- 70% of the City's water distribution pipes were installed between 1928 and 1940
- 797 valves, 470 hydrants, and 55 flushing points
- 2 pressure-reducing stations
- 1 booster pump station
- 2 Reservoirs
 - One 5.3-million-gallon
 - One 100,000-gallon
 - 3 Emergency interconnections
 - Two with the City of Torrance
 - One with Los Angeles Department of Water and Power (LADWP)



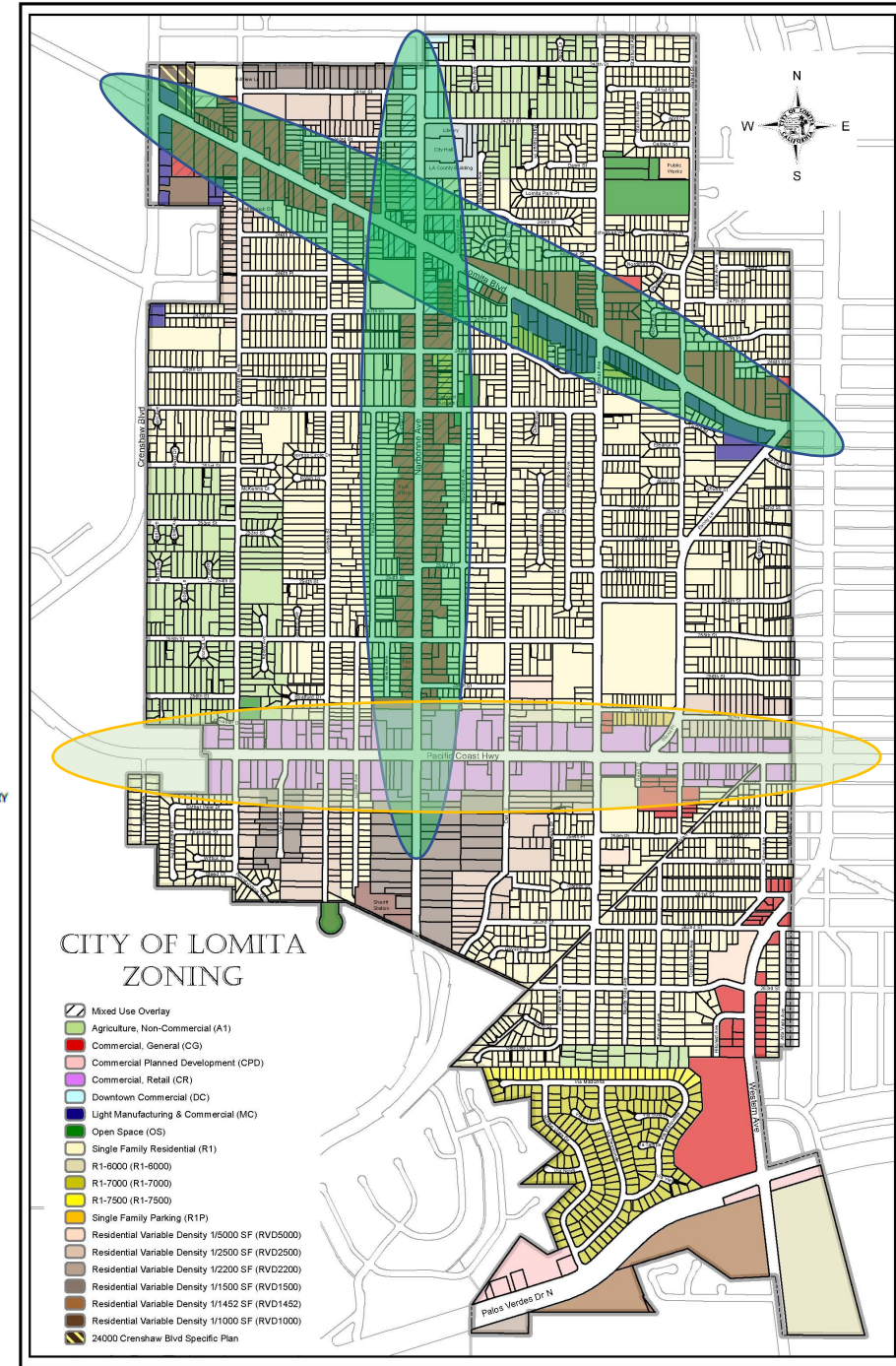
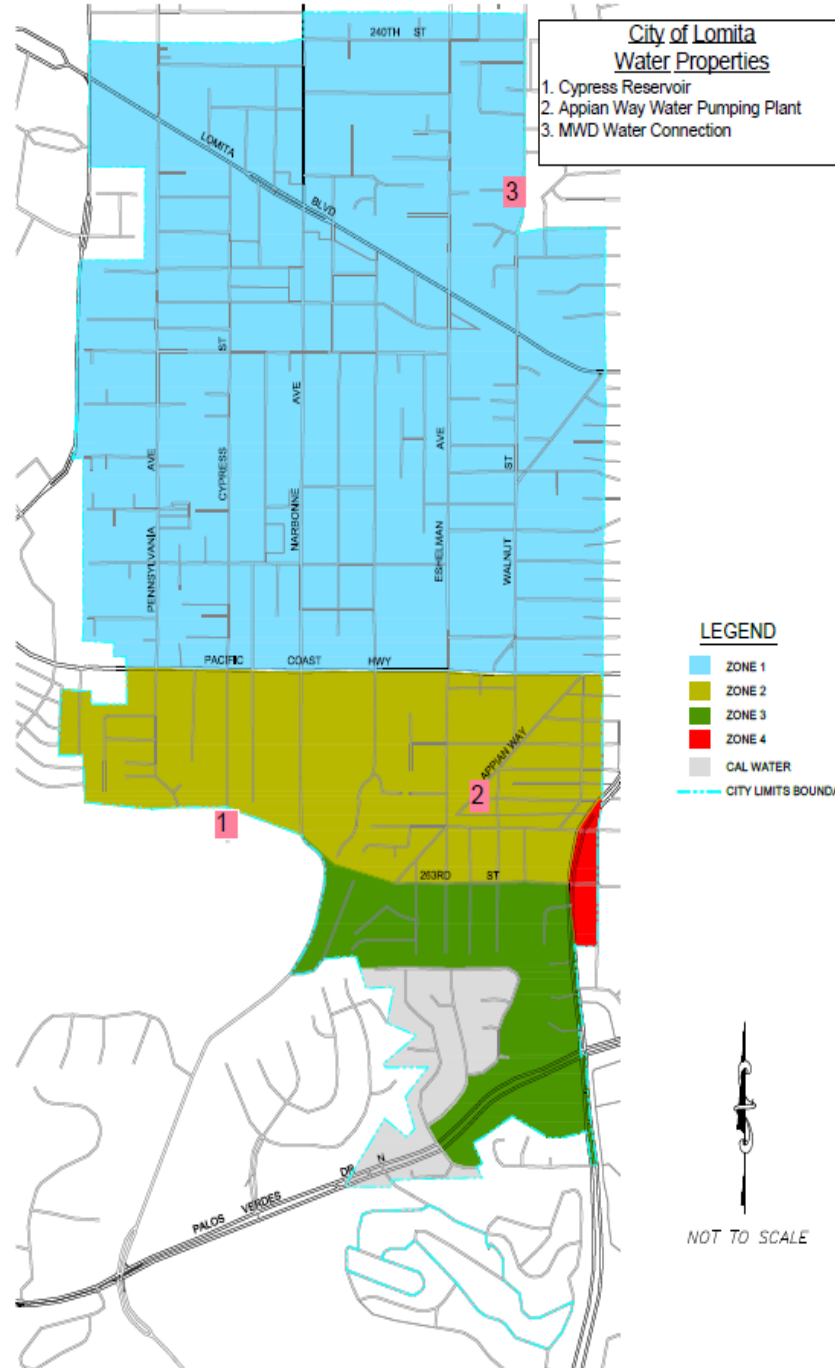
Zone Map and Facilities Map



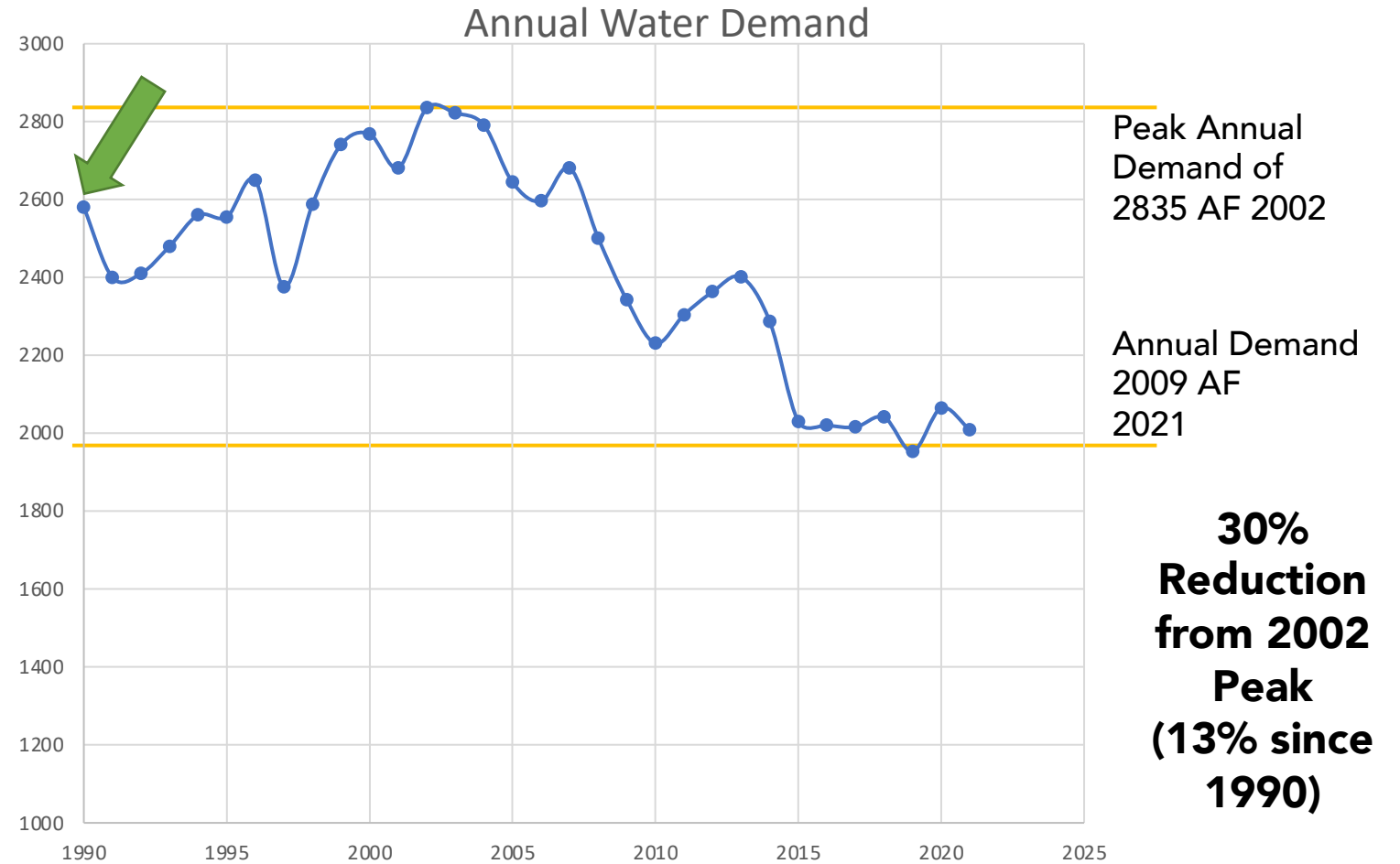
Balance with competing priorities



Primary Areas for Future Development



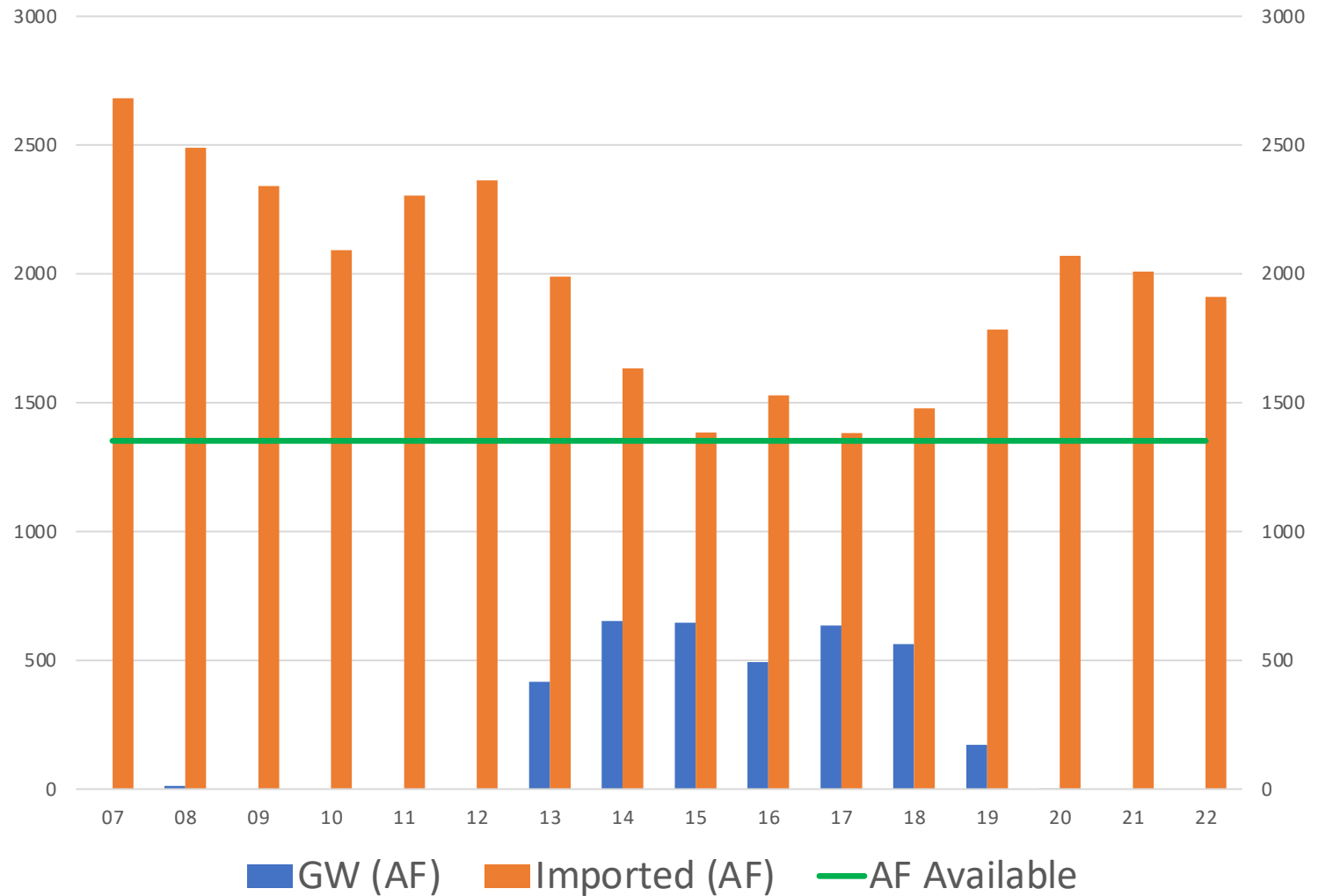
Balance With Competing Priorities



Opportunity: Increased Use of Local Resources



Water Rights Usage



The Path to Long-Term Sustainability

:
Our Commitment



Dad Jokes ✓
@Dadsaysjokes

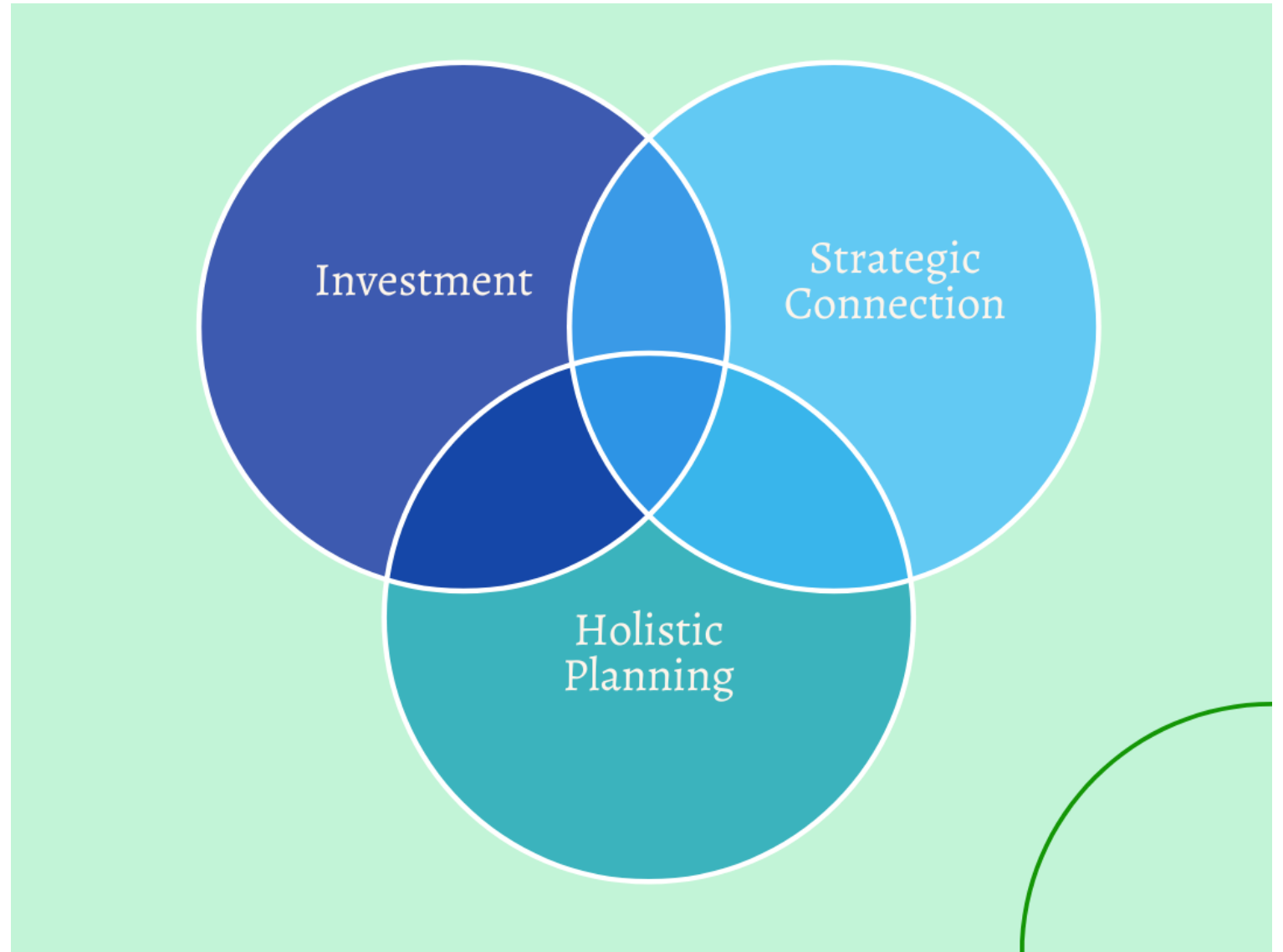


WHAT DO WE HAVE HERE?

The Path to Long-Term Sustainability

:

Our Commitment



Investment:

Increasing Local Ground Water Production and Regional Sourcing

- Infrastructure Replacement
- Cypress Water Production Facility (CWPF)
 - Initial Construction, GAC upgrades
- Secondary/Redundant Well Feasibility and Siting
- Future Zone 2/3 Connection



Strategic Connection:

Communication, Engagement and Collaboration



- Community Outreach & Education
- Constant stream of information and updates – Articles, Social Media Updates, Bill Inserts
- Dedicated web presence on www.LomitaWater.com
- Two-way communication through Water Tours





Lomita
Water

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HOME OVERSIGHT INFRASTRUCTURE EDUCATION NEWS ONLINE BILL PAYMENT CONTACT US



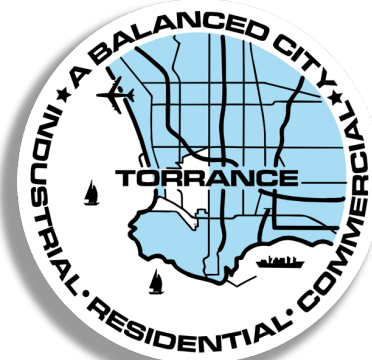
Water Infrastructure Public Tour Series



Strategic Connection:

Engagement and Collaboration

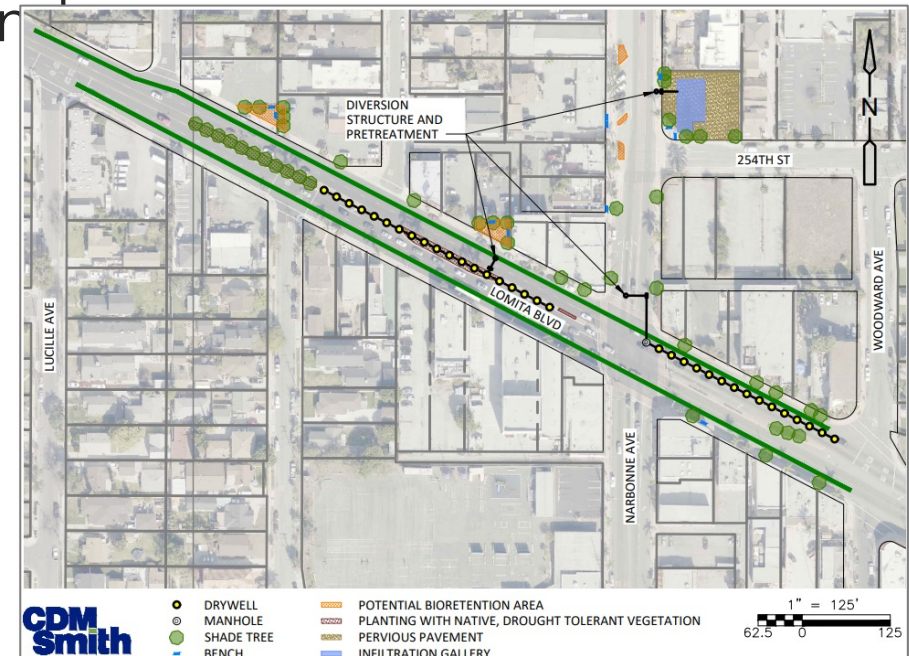
- Collaboration with surrounding and regional agencies
 - Partnership with WRD
 - \$2M grant for GAC upgrades
 - Brackish Water Program
 - Future Conversations with Surrounding Agencies as additional sources



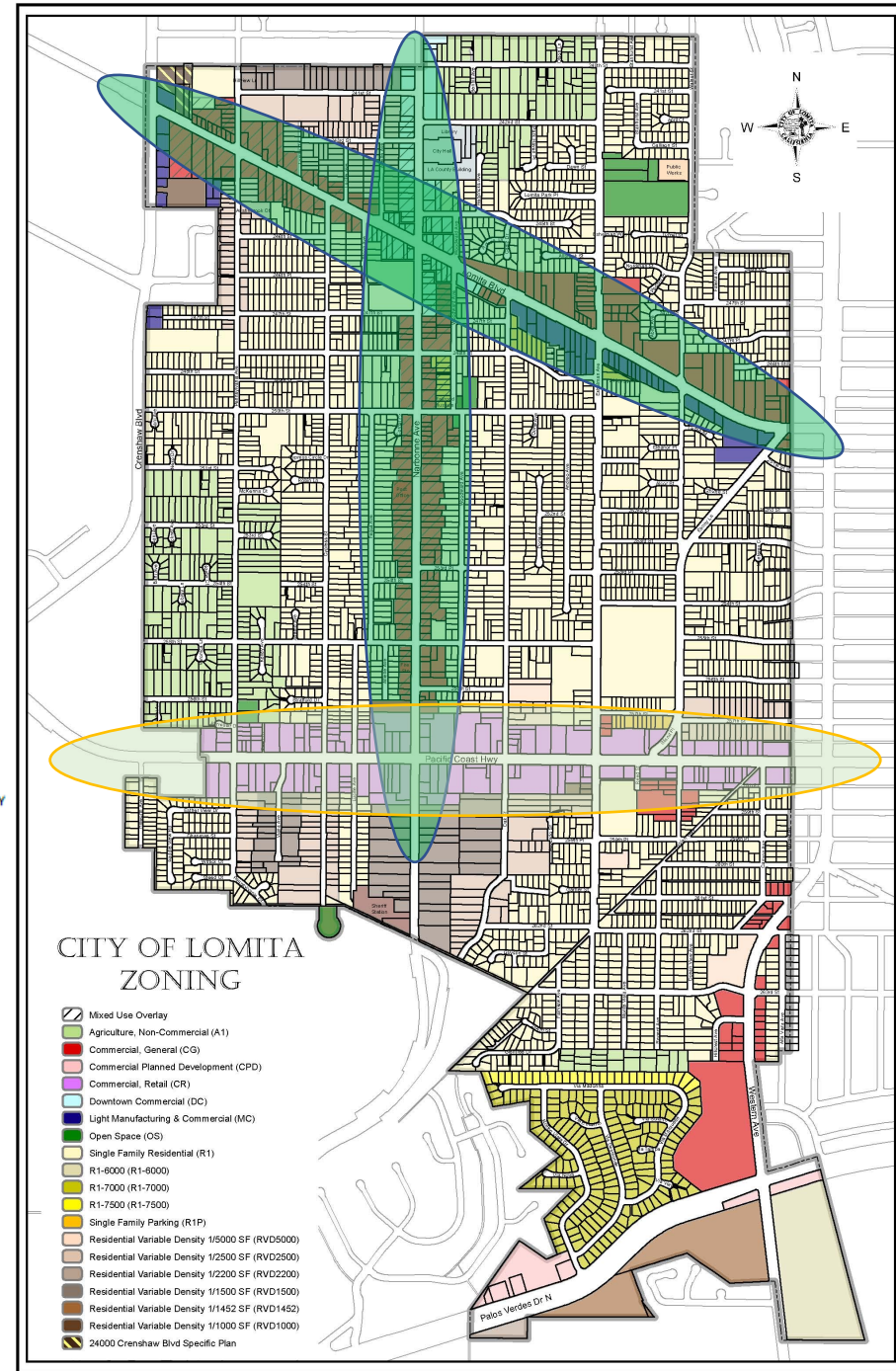
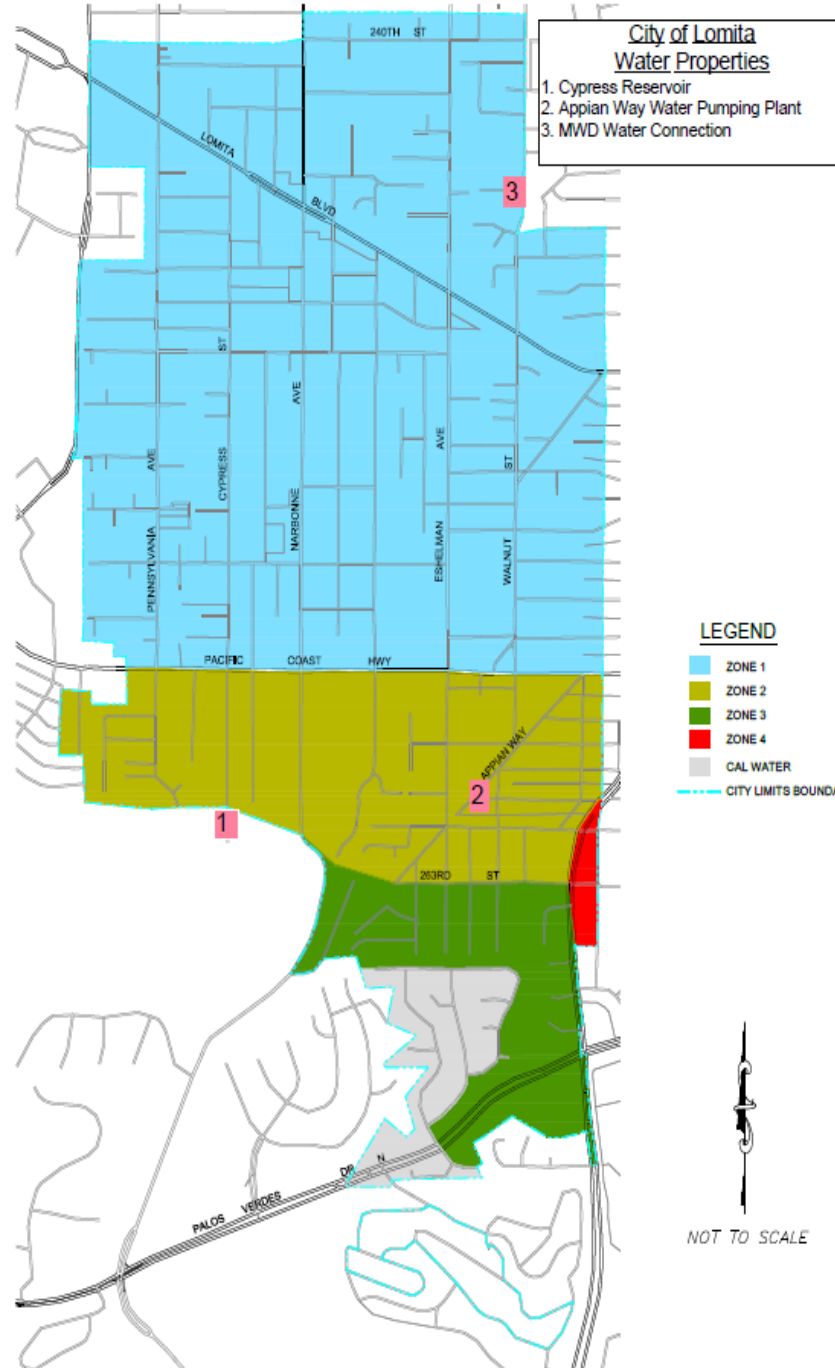
Holistic Planning

Incorporating Sustainability Across All Projects

- Planning projects that
 - Increase local production
 - Increase storm water capture
 - Reduce individual and overall demand
 - Reinvest in aging infrastructure
- Water Resource Management as a part of every aspect of municipal planning
 - Planning/siting projects to maximize resources and minimize demand



Minimizing Impacts of New Development

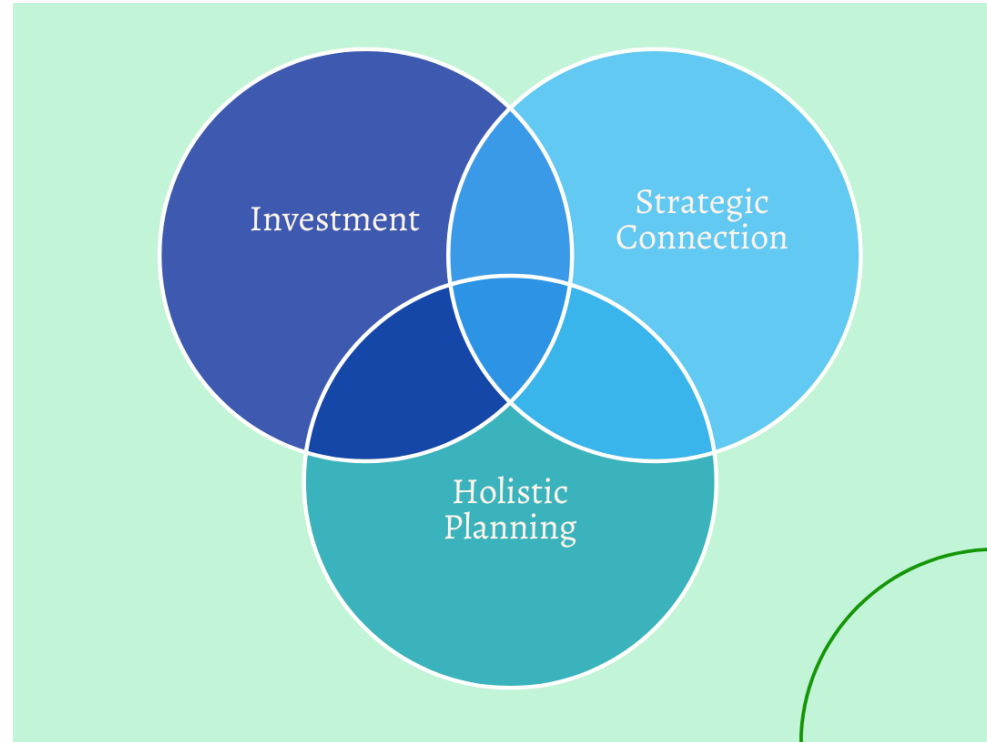


NOT TO SCALE

The Path to Long-Term Sustainability

:

Our Commitment



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