

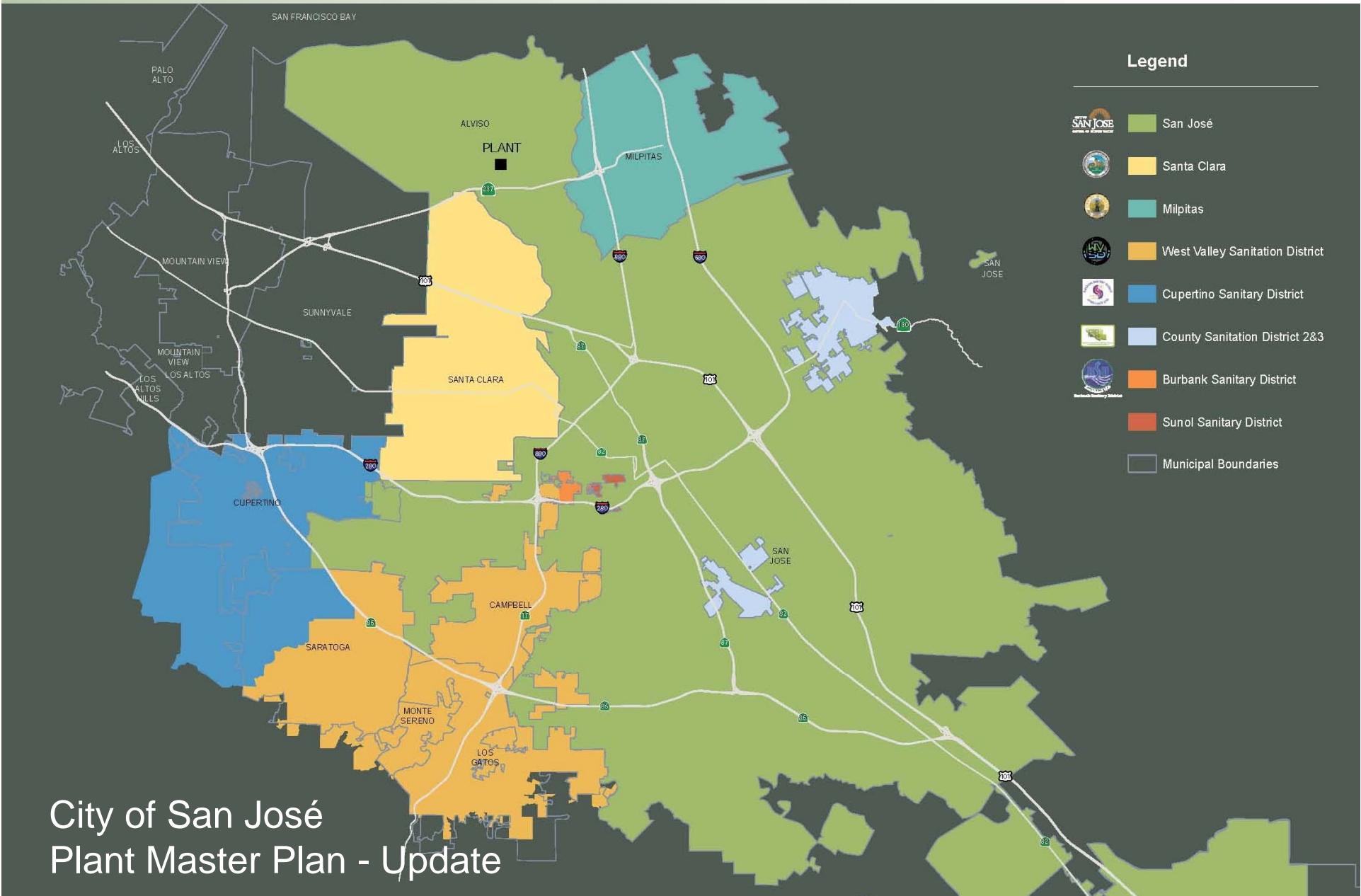
# SJ/SC Water Pollution Control Plant Master Plan CAG Update – Nov 1, 2008



Plant Master Plan



# Plant Service Area



## Legend

-  San José
-  Santa Clara
-  Milpitas
-  West Valley Sanitation District
-  Cupertino Sanitary District
-  County Sanitation District 2&3
-  Burbank Sanitary District
-  Sunol Sanitary District
-  Municipal Boundaries

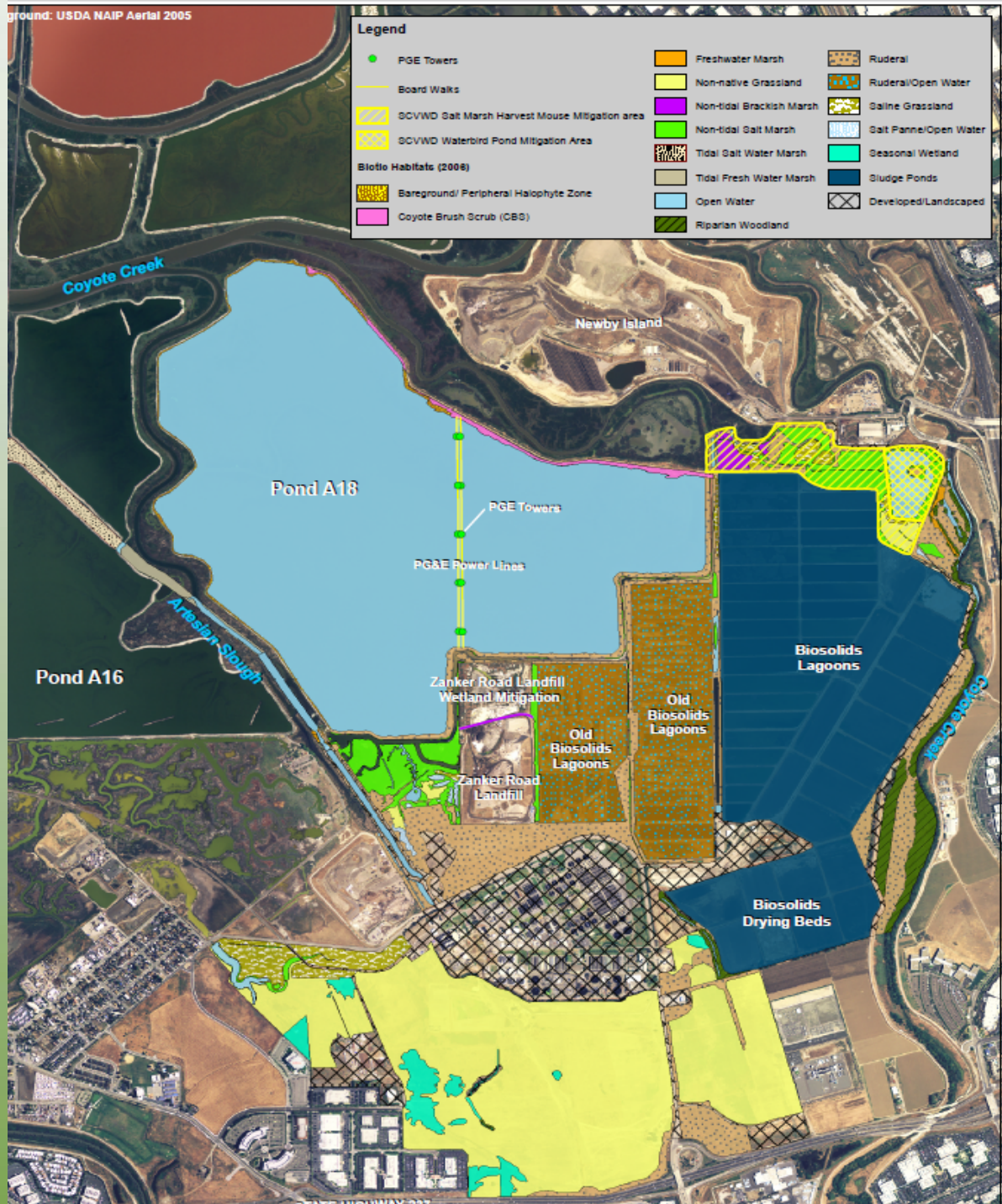
City of San José  
Plant Master Plan - Update

# Plant Facilities and Bufferlands



City of San José  
Plant Master Plan - Update

# Plant Habitat



City of San José  
Plant Master Plan - Update

# What is the Plant Master Plan?

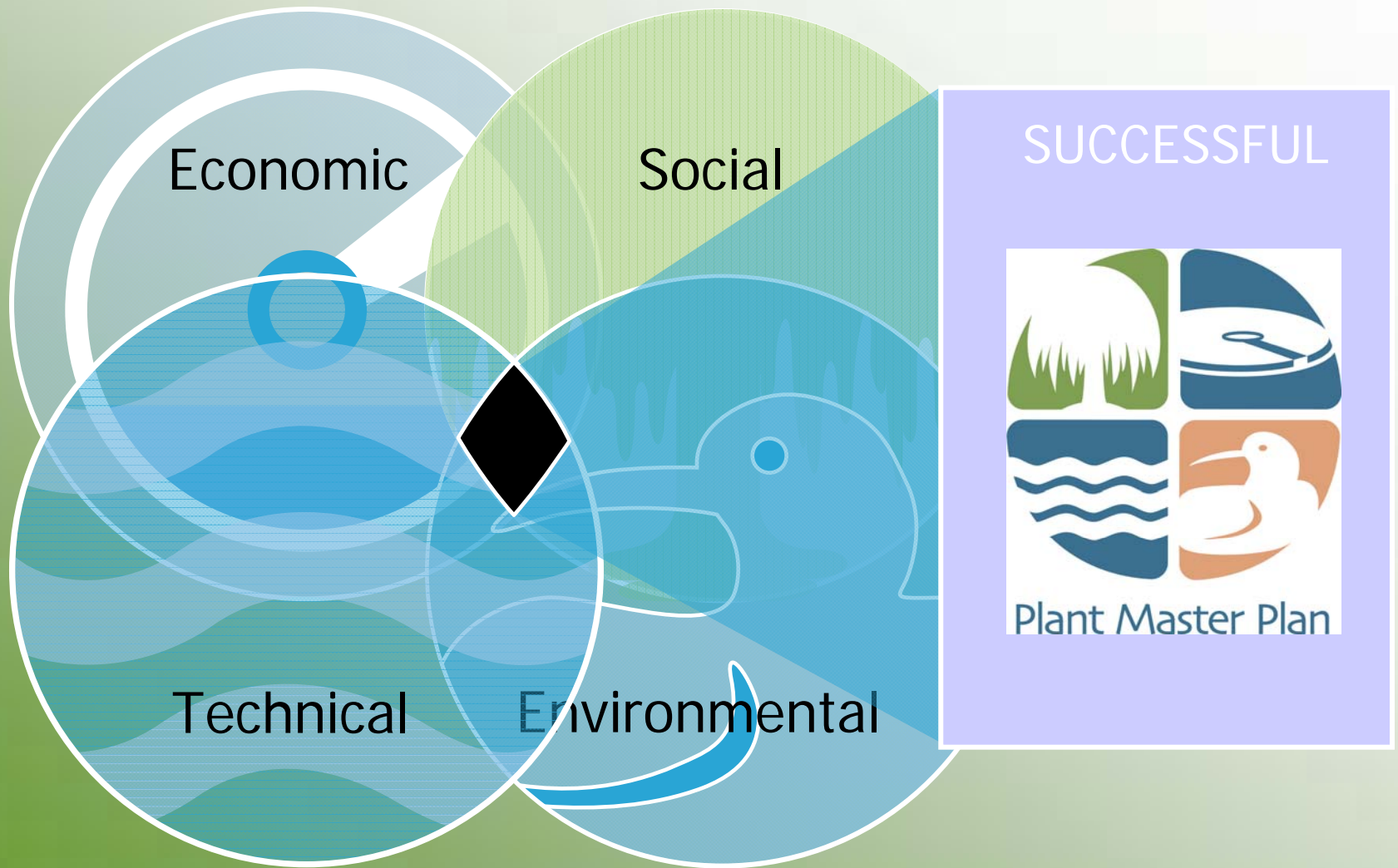
- 30-year planning document for the Plant's facilities, operations, and land use
- Carollo Engineers is lead consultant for the 3-year contract
- **Final products include:**
  - 30-year CIP
  - Buffer Lands Plan
  - Staffing Plan
  - Programmatic EIR/EIS



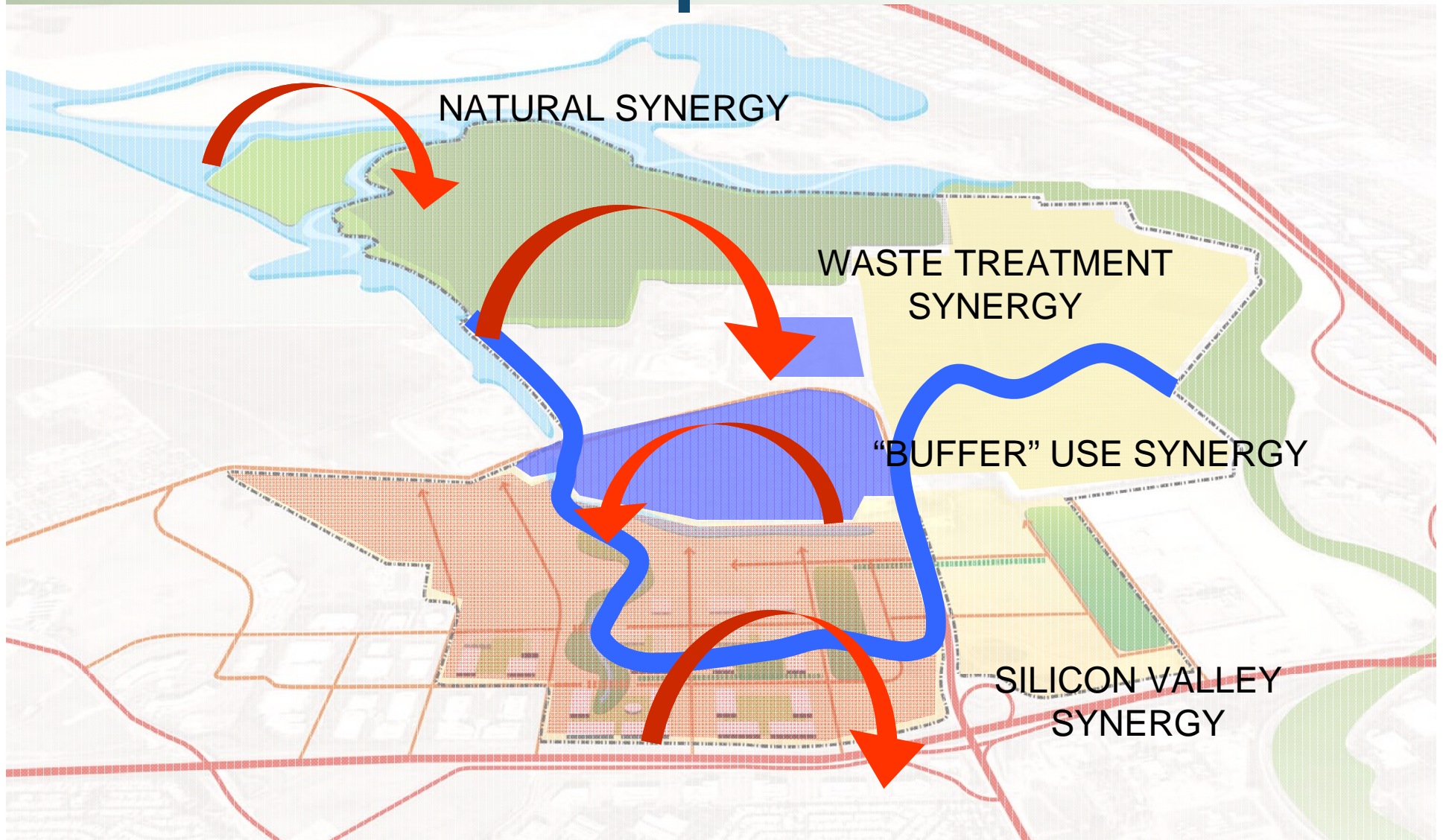
# Plant Master Plan must address four major drivers:

- Aging Infrastructure
- Population Growth
- Regulations
- Community Values

# “TRIPLE PLUS BOTTOM LINE”



# Land Use Concepts





# Ecological Benefits

Living Museum



Recycled Water



Burrowing Owls



# Community Benefits

Recreation Trails



Sports Fields



Water Recreation



# Economic Benefits

**Solid Waste Processing**



**Solar Power**



**Waste-to-energy**



**Co-locating Industries**



# Knitting the Area Together



Bright Water Waste Water Treatment Facility, Seattle

City of San José  
Plant Master Plan - Update

# Outreach and Engagement



City of San José  
Plant Master Plan - Update

# Technical Workshop



UV Disinfection



 **Balen Filters**  
The Future in Micro-Screening

Algal Turf Scrubber



City of San José  
Plant Master Plan - Update

# Data Collection and Benchmarking



**Current Solar Drying Beds ~800 acres**



**Greenhouses ~ 20-200 acres**

City of San José  
Plant Master Plan - Update

# Land Use Workshop



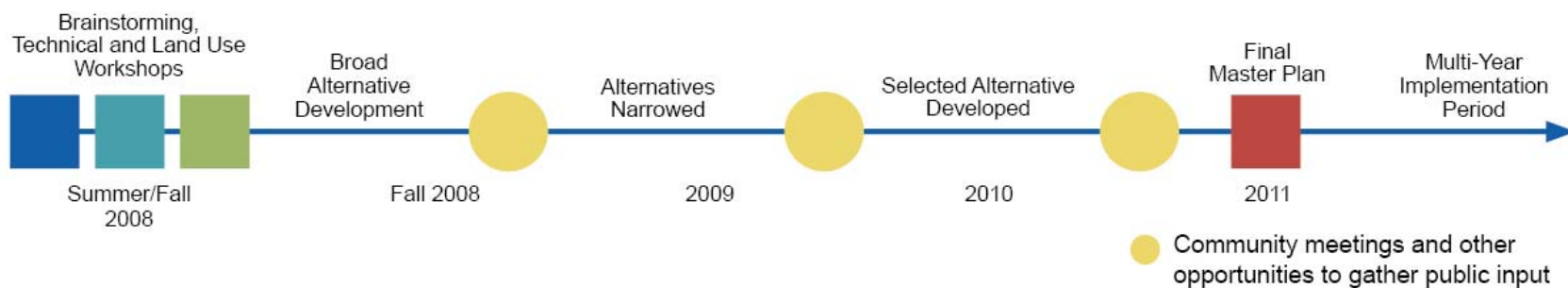
City of San José  
Plant Master Plan - Update





# Plant Master Plan: Next Steps

- Technical, Land Use Workshops
- Community Meetings and Stakeholder Engagement
- Broad Alternatives Development in 2009



# Plant Master Plan: Contacts

**Kirsten Struve, Project Manager**

408-945-5180

kirsten.struve@sanjoseca.gov

**Matt Krupp, Planner**

408-945-5182

matt.krupp@sanjoseca.gov

[www.sanjoseca.gov/esd/plantmasterplan](http://www.sanjoseca.gov/esd/plantmasterplan)

**Bruce Frisbey, CAG Liaison**

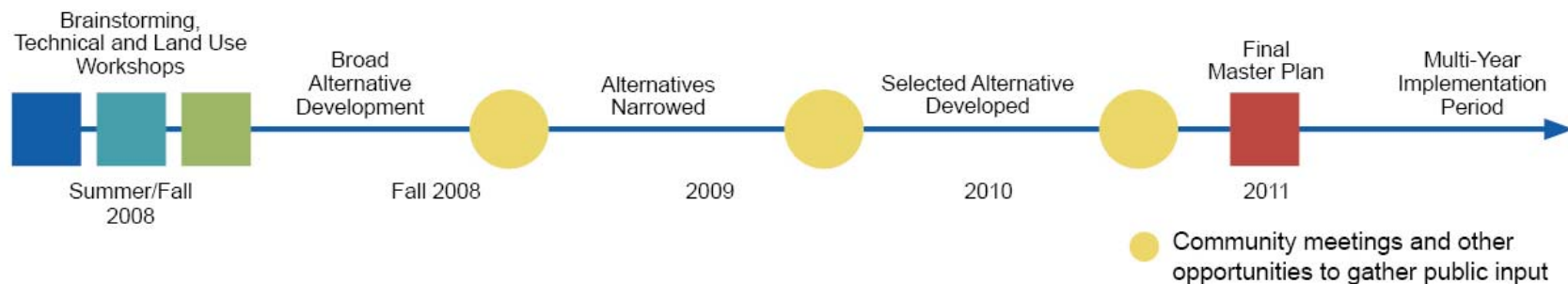
408-975-2542

bruce.frisbey@sanjoseca.gov

**Cheryl Wessling, Marketing**

408-975-2552

cheryl.wessling@sanjoseca.gov



City of San José  
Plant Master Plan - Update