



**CONCURRENT MEETING
CITY COUNCIL/SUCCESSOR AGENCY TO THE COMMUNITY REDEVELOPMENT
AGENCY (CRA)/RANCHO CORDOVA FINANCING CORPORATION (RCFC)**

**City Hall
2729 Prospect Park Drive, Rancho Cordova**

Tuesday, January 14, 2014

**5:30 PM – Special Meeting
American River Community Room North**

AGENDA

1. WORK SESSION - CALL TO ORDER/ROLL CALL

Council Members Budge, McGarvey, Sander, Terry and Mayor Skoglund.

2. PUBLIC COMMENT

At a special meeting, citizens wishing to address the Council for any matter on the agenda may do so at the time the matter is discussed. Note, under the provisions of the California Government Code, the City Council is prohibited from discussing or taking action on any item not on the agenda.

3. SPECIAL MEETING ITEMS

- 3.1 **Subject:** Update on proposed relinquishment of Jackson Highway, west of Grantline Road, from Caltrans to local jurisdictions.
- 3.2 **Subject:** Update on information related to the current and planned use of recycled water by SCRSD and SCWA followed by a policy discussion on the continuation of the requirement to install purple pipe in the new development areas of the City.

4. ADJOURNMENT

ADDITIONAL INFORMATION

In compliance with the Americans with Disabilities Act, if you need a disability-related modification or accommodation, including auxiliary aids or services, to participate in this meeting, please contact the City Clerk's Office at (916) 851-8720 at least 48 hours prior to the meeting.

CERTIFICATION OF POSTING OF AGENDA

I, Mindy Cuppy, CMC, City Clerk for the City of Rancho Cordova, declare that the foregoing agenda for the Tuesday, January 14, 2014 Special Meeting of the Rancho Cordova City Council/Successor Agency to the CRA/RCFC was posted and available for review on Friday, January 10, 2014 at City Hall of the City of Rancho Cordova, 2729 Prospect Park Drive, Rancho Cordova, California, 95670. The agenda is also available on the city website at www.cityofranhocordova.org.

Signed Friday, January 10, 2014 at Rancho Cordova, California.


Mindy Cuppy, CMC, City Clerk



RECYCLED WATER POLICY

Council Workshop
January 14, 2014





PURPOSE OF WORKSHOP

- Background on a policy City adopted in 2006
- East County Water Recycling Feasibility Study by Sacramento County Regional Sanitation District
- Update on reclaimed water use by Sacramento County Water Agency
- Discussion of cost
- Policy direction

BACKGROUND

Recycled Water Program

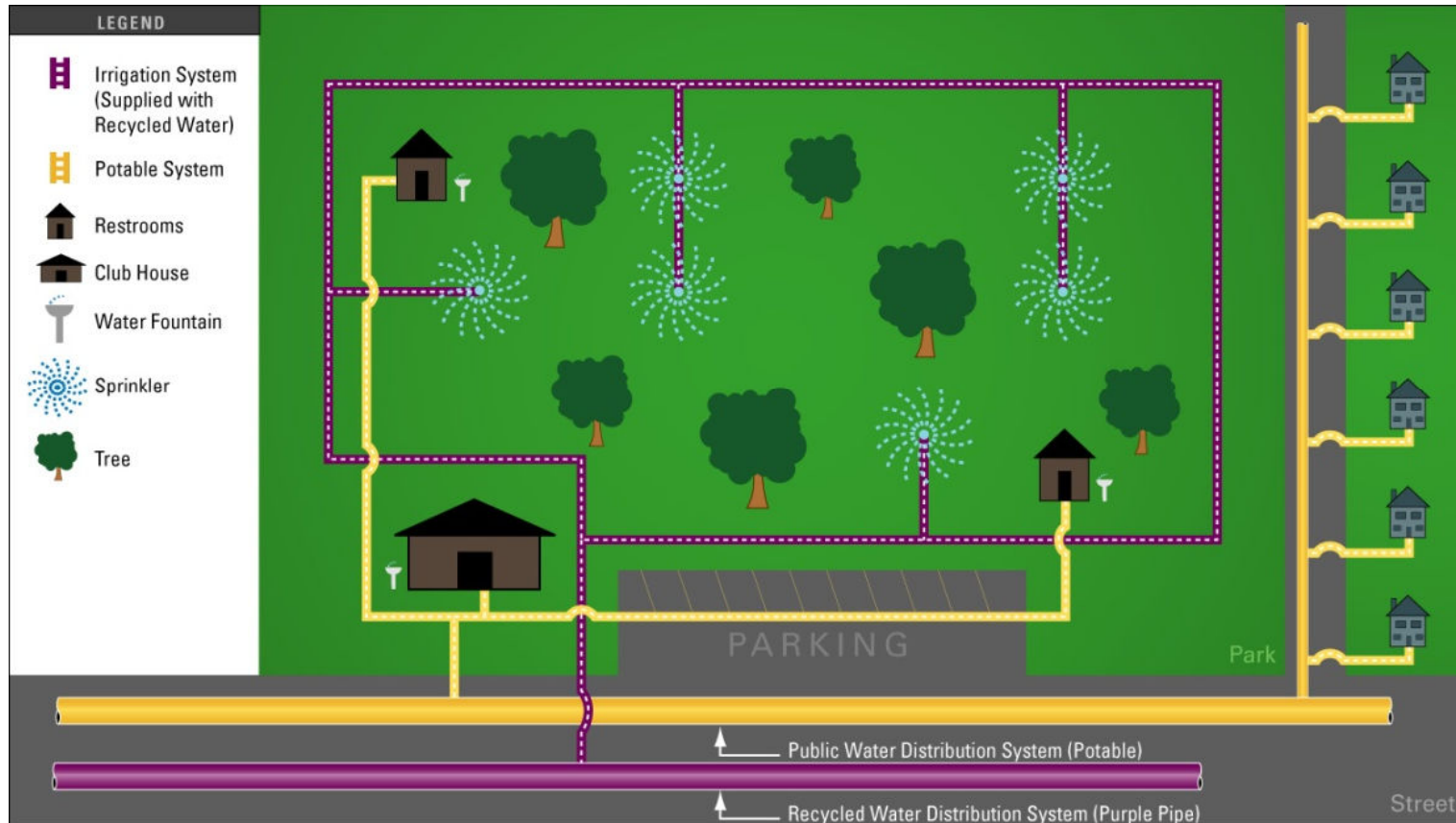


Reclaimed water is distributed in purple pipes to distinguish it from potable water

City Council adopted Policy:
Imposes a condition of approval for new development to install a “purple pipe” recycled water system

BACKGROUND

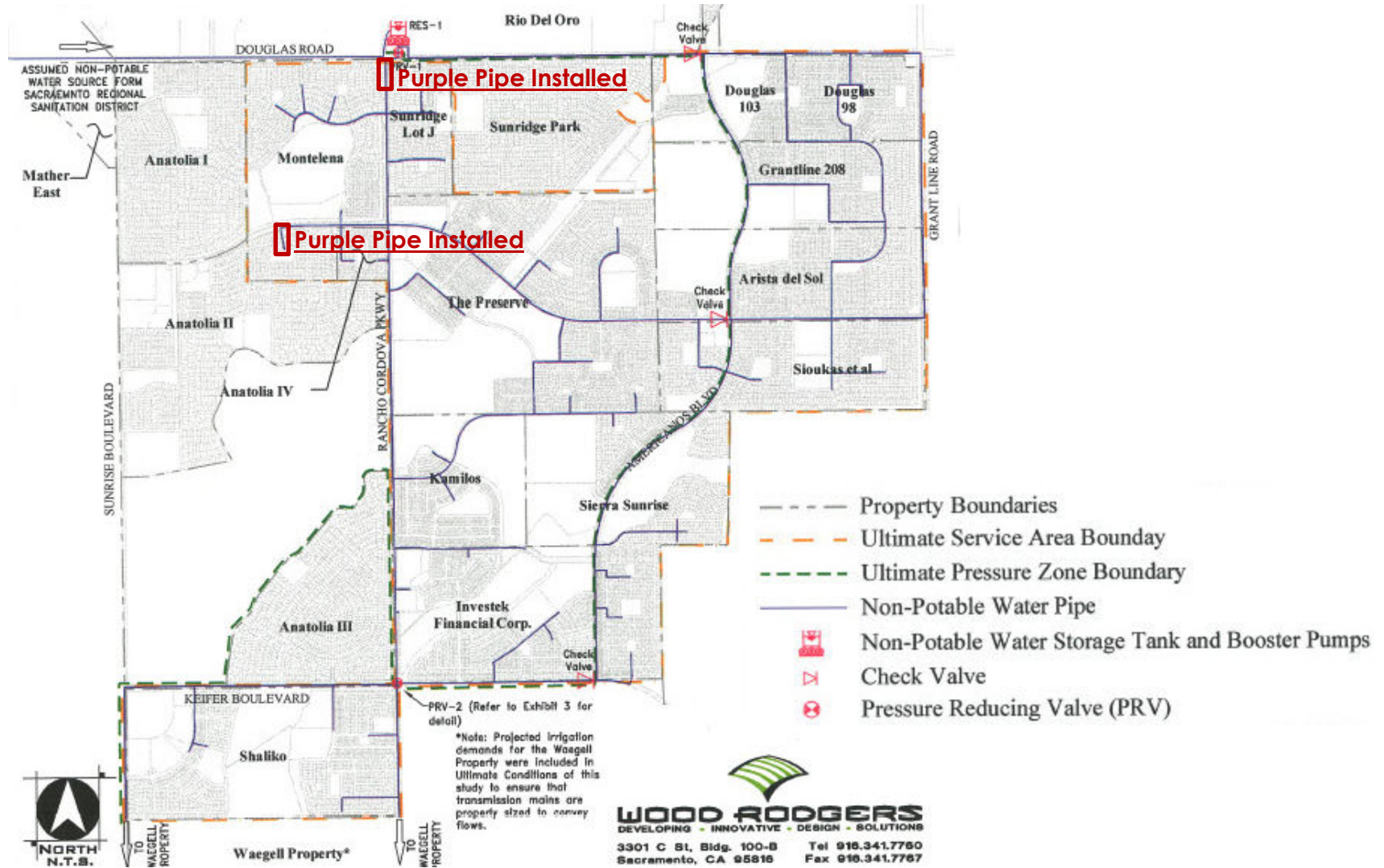
Current Purple Pipe Policy



- New parks • Golf courses • Street medians
- Industrial • School fields

NON-POTABLE WATER MASTER PLAN

Sunrise Douglas Community Plan Area





PROGRESS ON RECYCLED WATER PROGRAM

- 2006 RC adopted recycled water policy
- 2007 Water Recycling Opportunities Study (SCRSD)
- 2007 Groundwater Optimization Funding (SCWA)
- 2008 East County Water Recycling Feasibility Study (SCRSD)
- 2009 SCWA considered reclaimed water economically infeasible as a source
- 2009 Aerojet/Boeing 2010 partial settlement (SCWA)
- 2011 Final Aerojet/Boeing settlement (SCWA)
- 2013 Update to East County Water Recycling Feasibility Study (SCRSD)



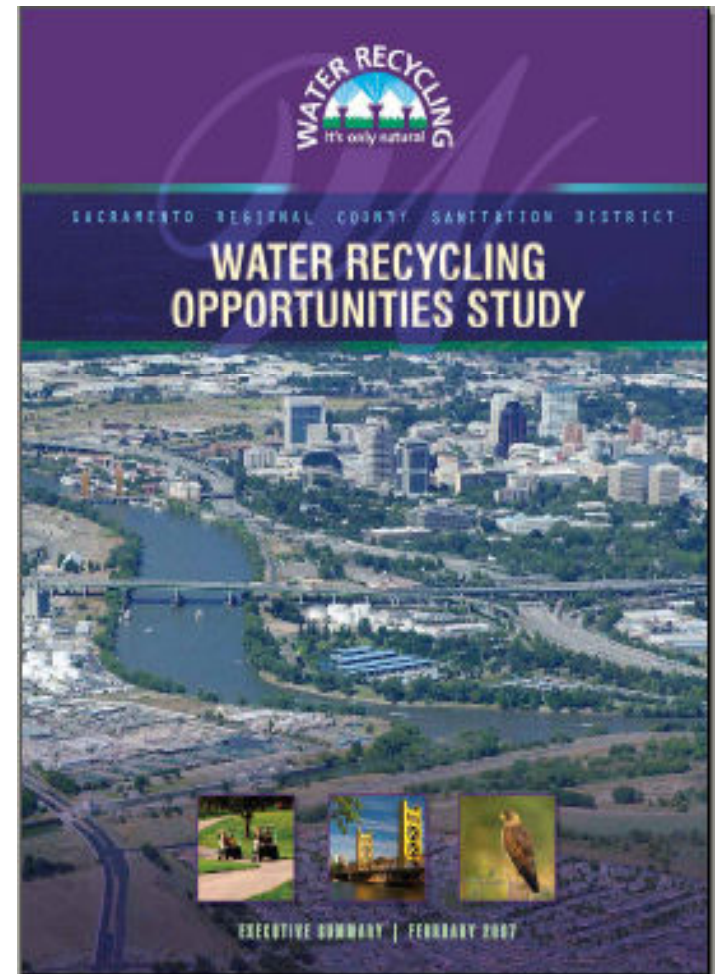
SACRAMENTO COUNTY REGIONAL SEWER DISTRICT (SCRSD)

Recycled Water Feasibility Study

WATER RECYCLING OPPORTUNITY STUDY

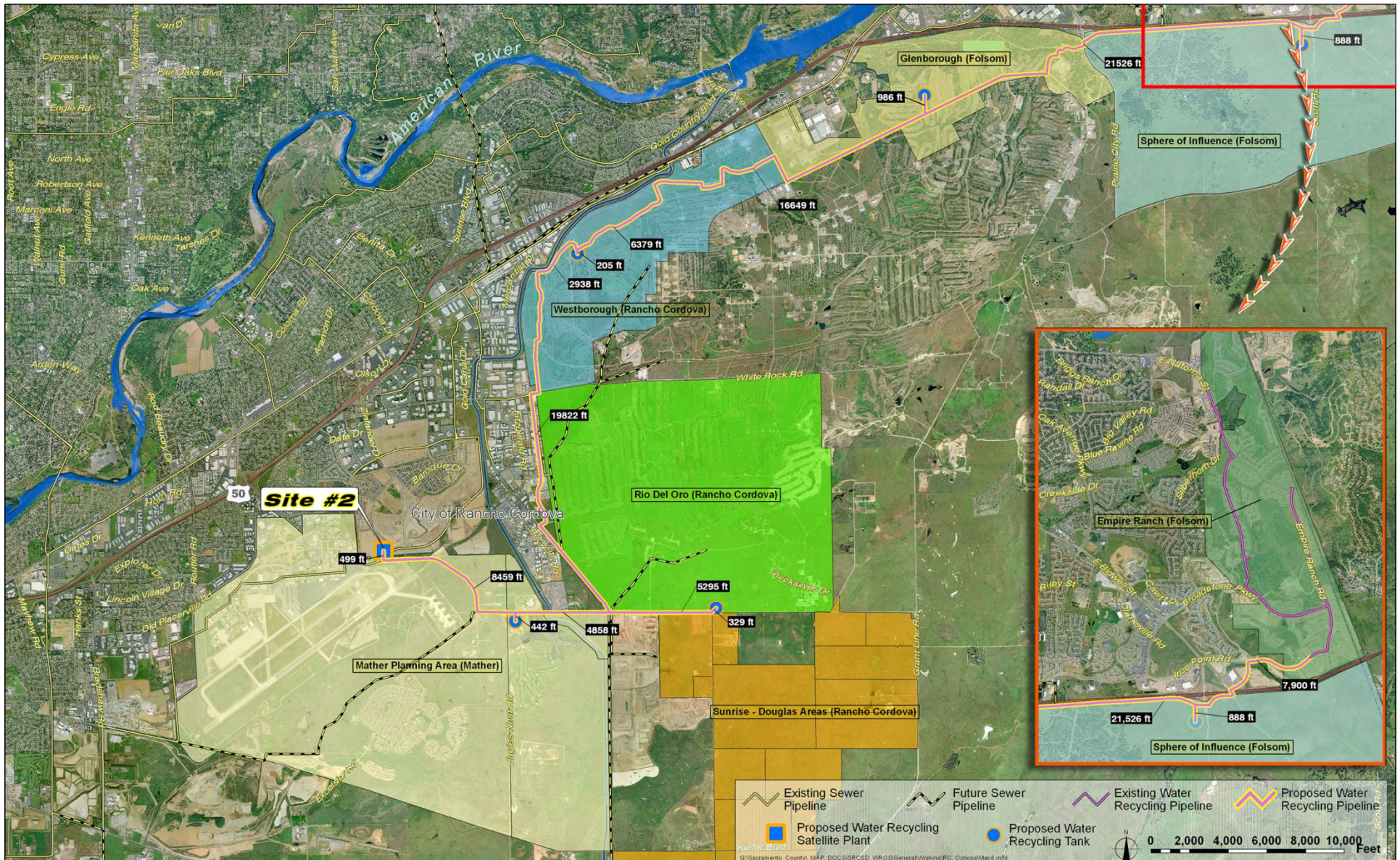
(Completed in February 2007)

- Goal is to recycle up to 40 million gallons per day by the year 2025
- Examined & prioritized the feasibility of potential water recycling projects throughout the Sacramento region
 - 5 target areas
- Evaluated the feasibility of using Scalping Plants in the City of Rancho Cordova
- Followed by East County Feasibility Study in 2007/08



POTENTIAL SCALPING PLANT

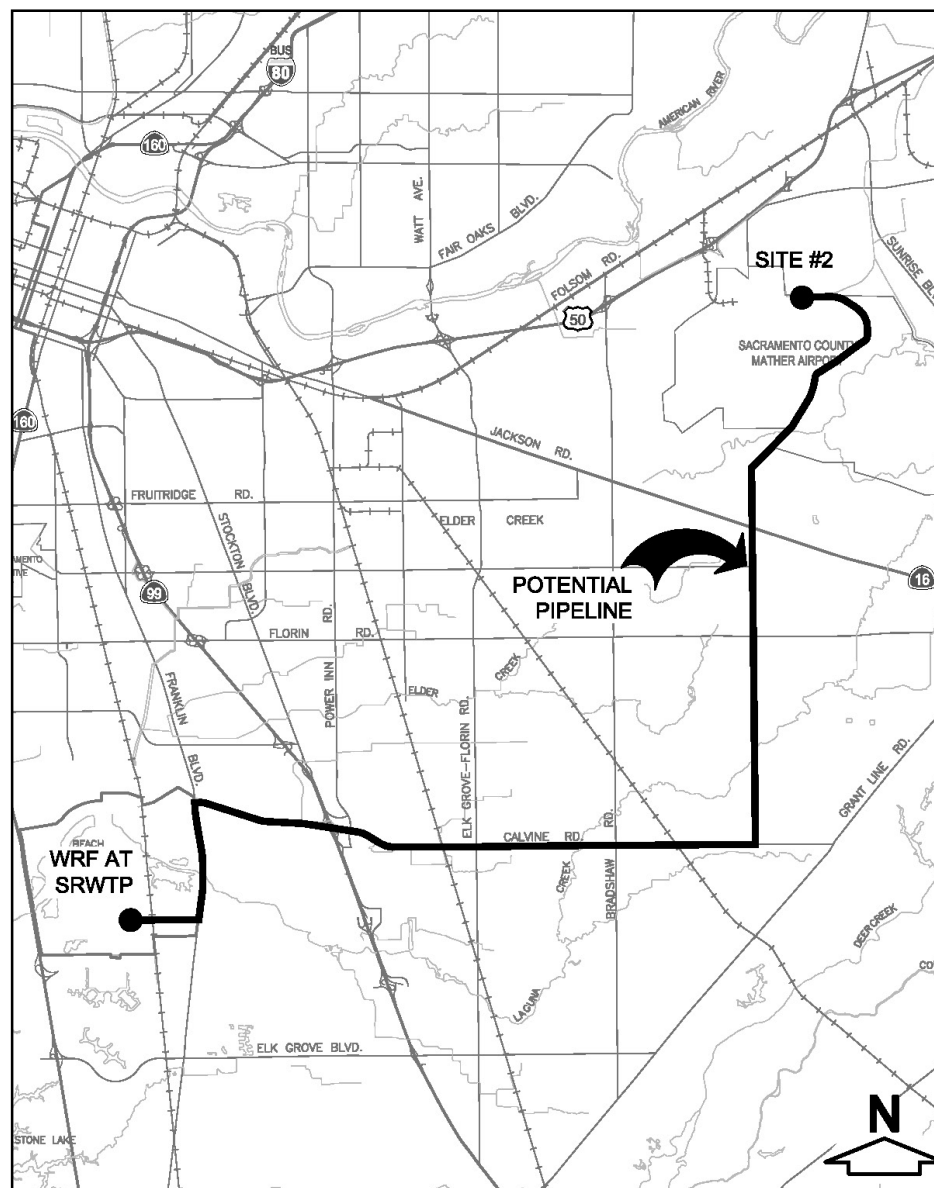
Pipeline Alignments



POTENTIAL CENTRALIZED SRWTP ALTERNATIVE

Pipeline Alignment

- EchoWater Project at SRWTP could supply the recycled water (in 2023)
- No treatment costs since they are assumed to be “sunk costs”
- Pump station required at SRWTP
- Conceptual pipeline alignment (~24 miles)
- Provides more operational flexibility and reliability



SRWTP = Sacramento Regional Water Treatment Plant

PLANNING LEVEL COST ESTIMATES

SCALPING PLANT ALTERNATIVE

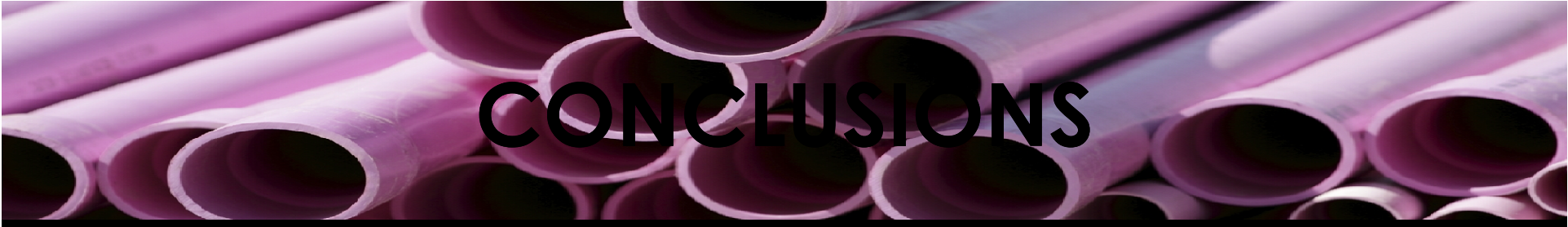
Average annual demand	5,024 acre-foot
Estimated Capital Cost	\$192,000,000
Total EUAC with O&M	\$12,600,000
EUAC per acre- foot	\$2,417

Cost per dwelling unit: \$7,000

CENTRALIZED ALTERNATIVE

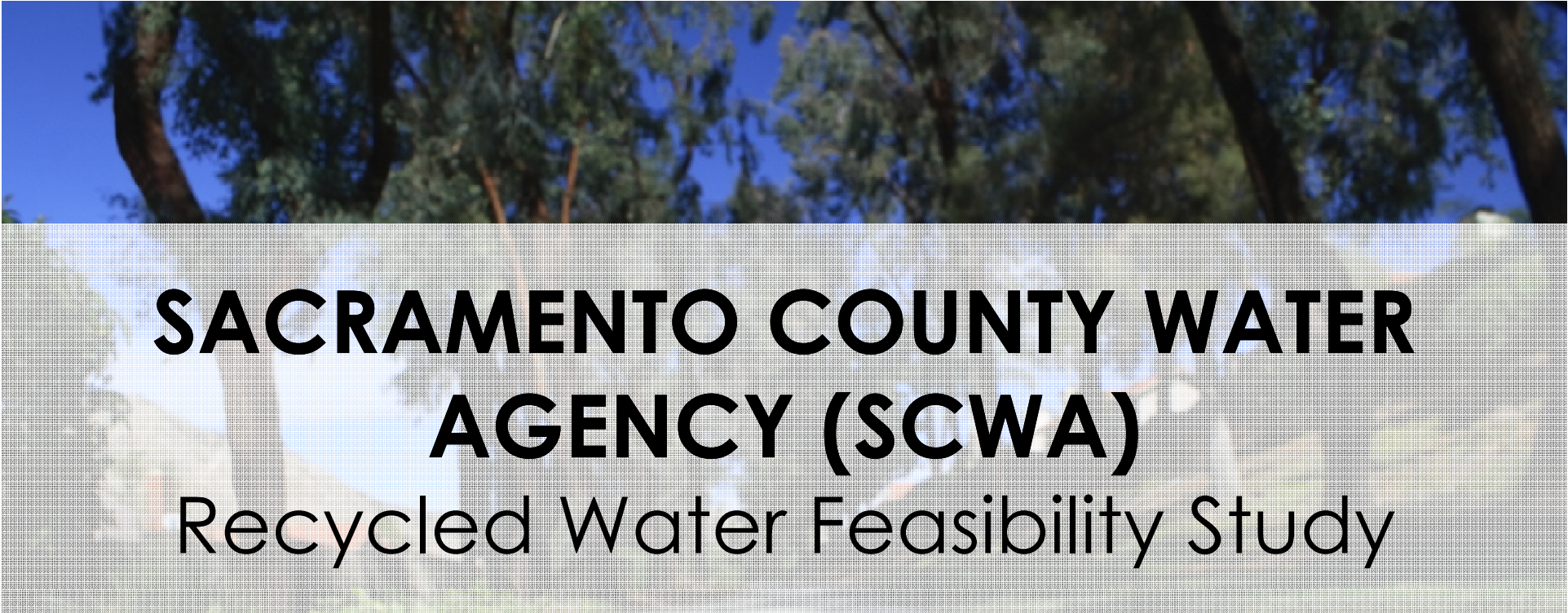
Average annual demand	5,024 acre-foot
Estimated Capital Cost	\$195,012,000
Total EUAC with O&M	\$10,470,000
EUAC per acre- foot	\$2,012

Cost per dwelling unit: \$7,000



CONCLUSIONS

- The Centralized Treatment Alternative is more cost effective than the Scalping Plant Alternatives
- The cost for the centralized option is high due to the cost of the transmission pipe



SACRAMENTO COUNTY WATER AGENCY (SCWA)

Recycled Water Feasibility Study



A background image showing a close-up of several purple pipes, likely for water recycling, arranged in a circular pattern. The text 'SCWA'S ROLE' is in large, bold, black capital letters, and 'Purple Pipe Program' is in a smaller, black, sans-serif font below it.

SCWA'S ROLE

Purple Pipe Program

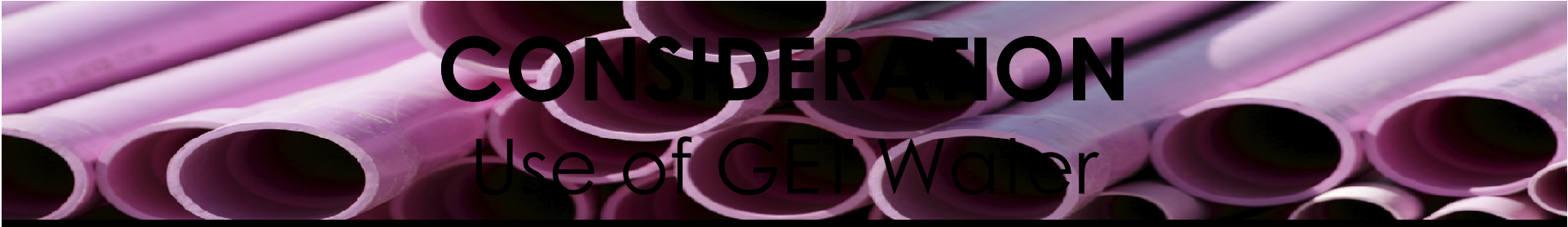
- Aerojet/Boeing groundwater contamination
- Sunridge Specific Plan fee programs
 - Groundwater Optimization
 - Well Protection
- 2006 Rancho Cordova Purple Pipe Policy
- Recycled water studies
 - Sunrise Douglas Community Plan area
 - Rio del Oro Specific Plan area
- 2007 Groundwater Optimization funding approved for recycled water



LAWSUIT SETTLEMENT

Aerojet / Boeing

- 2009 SCWA/Aerojet lawsuit
- 2010 partial settlement – 8,900 acre-feet of remediated water
- Final Settlement in 2011
 - Condition to terminate SCWA fees related to contamination
- Recommend City staff take necessary steps to eliminate the groundwater optimization and well protection fees

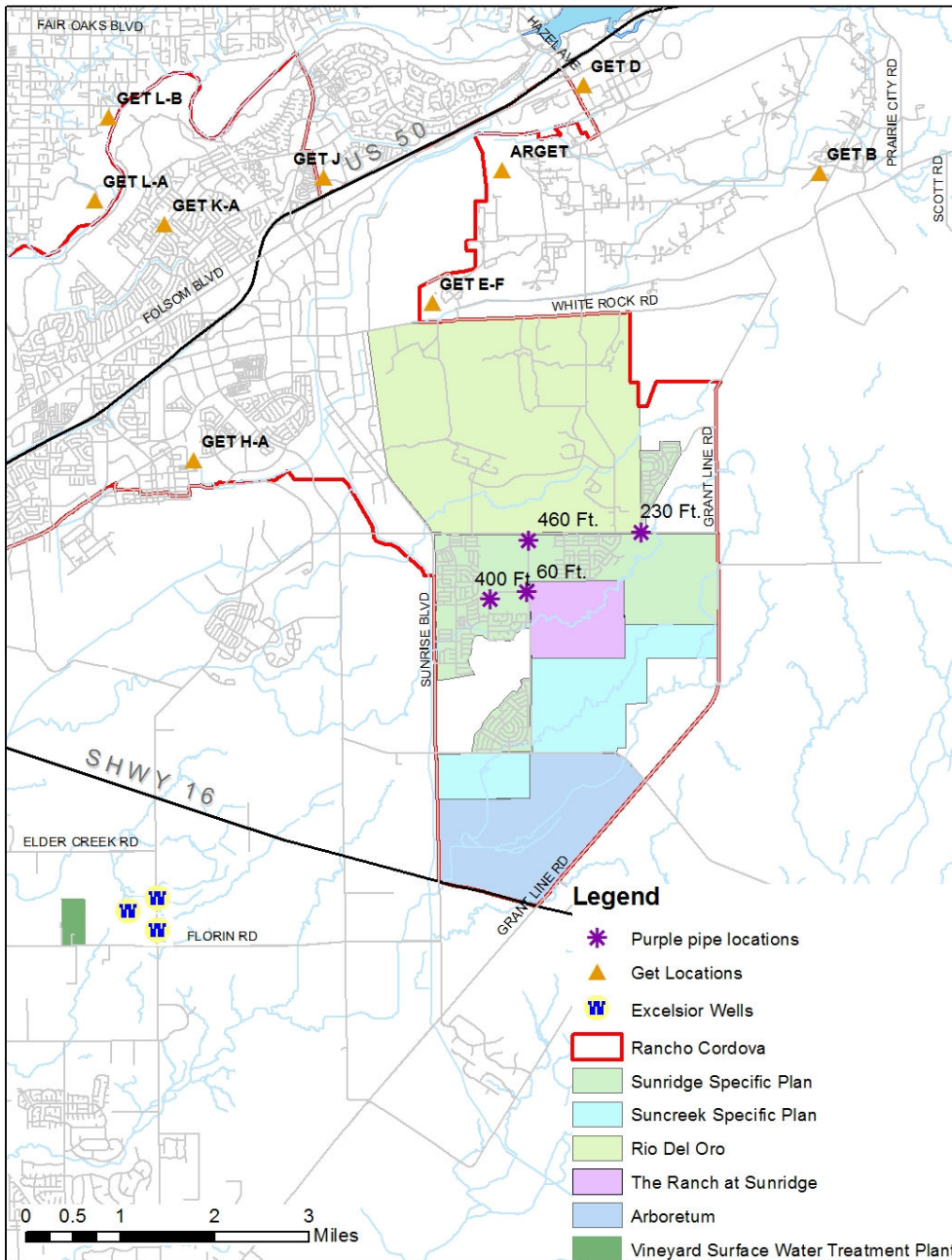


CONSIDERATION

Use of GET Water

- Regional remediated water analysis
 - Costs analyzed for Rio del Oro, Sunrise Douglas, Cordova Hills, and Jackson Highway Visioning Area
- Infrastructure costs approximately \$60 M for RC
- Cost per dwelling unit \$3,000
 - Does not include O&M cost

Rancho Cordova GET Facilities





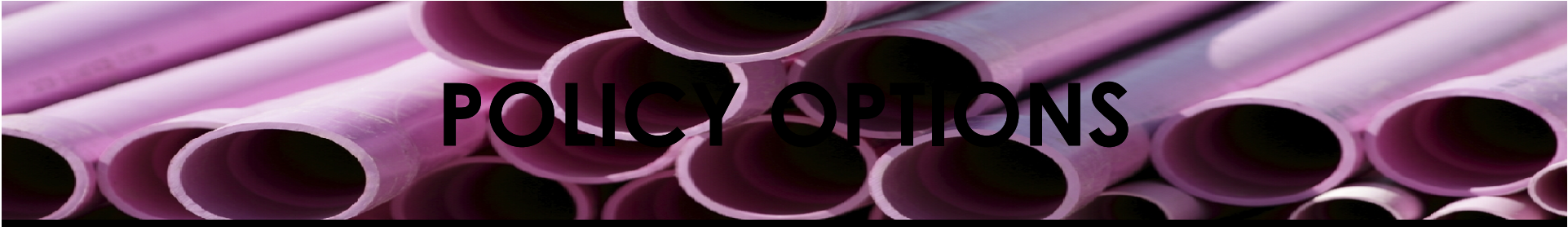
- Elk Grove Pilot Project
- SCWA Zone 40 Recycled Water Feasibility Study
- Zone 40 Master Plan amendment if recycled water found feasible



RECYCLED WATER DELIVERY COSTS

Summary

Options	Capital Cost	Estimated Fee per DU
Pipeline from SRWTP to City	\$195 M	\$7,000
Scalping Plant	\$192 M	\$7,000
Aerojet GET Water (Does not include operational cost)	\$60 M	\$3,000



POLICY OPTIONS

- Continue requirement to install purple pipe and direct staff to research implementation details:
 - Refined cost of distribution system
 - Ownership and maintenance of purple pipe system
 - Tie-ins to potable system
 - Other purveyor coordination
- Temporarily suspend the requirement to install purple pipe
- Discontinue requirement to install purple pipe and rescind policy