Central Basin Recycled Water Renaissance

April 11th, 2017
During a five year period from 2010 to 2015, personnel and legal issues distracted the District staff from pursuing growth of the recycled water program.
The State audited Central Basin and made over 30 recommendations. The District has complied with all of these recommendations.
The State Legislature passed a bill requiring Central Basin to add three Directors from its customer base.
Beginning in 2015, The District recognized the importance of the growth of the recycled water system for the District’s future.
Over 320 current users connected
Over 350 potential users identified
Expansion of recycled water identified as critical for a healthy CBMWD in the future
- Investigate new opportunities
- Encourage further usage of current users
Liberty Utilities (formerly Park Water) is Central Basin’s partner responsible for the distribution system operation and maintenance.
Renaissance of Central Basin’s Recycled Water Program
Goals:

1. Connect Recycled Water Customers
2. Train Staff to Pursue Goal #1
Recycled Water Program

May 1st – staffing in place. Donald Jones is now Recycled Water Specialist. In partnership with Liberty Utilities, Joe Walters with Purple Pipe Consulting is assisting and mentoring Donald in his new position.
Identified Recycled Water Target Sites

Phelan Elementary
Washington Preschool
Paramount Petroleum
Wilcox Elementary
Acuna Park
Park Victoria
Montebello City Hall
Pio Pico Elementary
North Park Middle School
Pico Park
San Gabriel Spreading Grounds

Valencia School
Rio Hondo Spreading Grounds
Certified Plant Growers
Legacy HS Complex
Jersey Park
Union Ice Co.
Owens Illinois
Norwalk City Hall
Moon Valley Nursery
Norwalk Golf Course
UTC Aerospace
Step 1: Contact Purveyors

Met with all purveyors involved with prospective customers.
Step 2: Site Research
Recycled Water Program

Performed site visits to all potential locations:

- Added other sites:
  - Purveyor suggestions
  - Meeting with County officials
  - Customer requests
Recycled Water Target Sites

Investigated over forty sites, plus CIP project sites
Step 3: Establish Procedures
Step 3 (cont.): Establish Procedures

In Process:
- Feasibility Assessment Template
- Retrofit Cost Estimate Template
Step 4: Develop Long-term Projects

Under Development:
- La Mirada
- South Gate
- Bell Gardens
- Lynwood
- Montebello
Design

• Grant funding for Lynwood, Bell Gardens and South Gate projects

Construction

• Proposition 1 Grant Funding
• Proposition 84 funding for DAC projects
• State Revolving Fund (SRF)
• Low Interest Loans
• Potential Partnerships with Water Retailers
Project Status

Design
Consultant: Tetra Tech

- 10% Preliminary Design Report (PDR) – completed
- Geotechnical Report – completed
- Recycled Water Connection Site Surveys - completed
- 70% Pipeline Design – submitted
- 10% Pump Station & Reservoir Technical Memorandum – submitted

California Environmental Quality Act (CEQA)
Consultant: Aspen Environmental Group

- Draft Initial Study and Project Description – submitted
- AB 52 - Notifications sent; no responses received after 30 days
- California Historical Resources Information Service (CHRIS) search – completed
- Cultural Resources Analysis – complete
- Air Quality Analysis – complete
- Draft Mitigated Negative Declaration - complete

Schedule
Design & Environmental Compliance Complete – September / October 2017
Gateway Cities Pipeline Projects

Gateway Cities Project
- Cudahy Pump Station
- Hollydale Pump Station
- South Gate Proposed Pipeline
- Lynwood Proposed Pipeline
- Bell Gardens Proposed Pipeline
- CBMWD Existing Recycled Water System

Source: LA Guild Cities Rev. Map and CBMWD Aquifer Recovery
Gateway Cities Project Status

**Design**
Consultants:  
S.A. Associates (South Gate)  
West Yost (Lynwood)  
Infrastructure Engineers (Bell Gardens)

**Work Includes:**
- Preliminary Design Reports (PDR’s)
- Geotechnical Reports
- Recycled Water Connection Site Surveys
- Utility Investigations
- Pipeline Designs

**California Environmental Quality Act (CEQA)**
Consultant:  
K.S. Dunbar and Associates

**Schedules**
Design & Environmental Compliance Complete – June 30, 2017
Questions?
Ask Max, the Water Dog