Fiscal Sustainability Process Update

Administrative & Finance Committee
September 25, 2014

Presented by:
Lisa Marie Harris, Director of Finance
Ken Weinberg, Director of Water Resources
Today’s Agenda

1. Recap of FYs 13 & 14 process
2. Overarching Themes from the Fiscal Sustainability Task Force (FSTF)
3. FSTF Recommendations and Alternatives
4. Observations from March 20\(^{th}\) A&F Committee discussion
5. Board action on Fiscal Sustainability March 27\(^{th}\)
6. Restarting the process
7. Timeline
8. Next steps
Overarching Themes from the FSTF

- Rates and Charges should reflect future trends
- Maintain the Water Authority’s strong credit rating
- Enhance stability and predictability of water rates
- Strengthen nexus between benefit received and payment
- Address issues from Cost of Service Phase I
FSTF Recommendations and Alternatives

1. **Confirmation** of the application of the existing IAC Policy to include Water Authority payments for the debt and equity on the Carlsbad Desalination Plant.

2. **Approval** of the application of non-commodity revenue offsets to all revenue categories, including Treatment.

3. **Defer** to the Administrative & Finance Committee all other Task Force recommendations including modification of allocation of storage charge and consideration of a Supply Reliability Charge concept.
General Observations From March 20th A&F Discussion

- There are policy issues regarding long term fiscal sustainability that should be addressed by Board
- It is best for the full A&F Committee and Board to address those issues
- There is time to consider the FSTF recommendations in a more comprehensive manner
  - In time for CY 2016 rates
  - Longer time frame
- Task Force members believe certain issues need to be decided prior to developing CY 2015 rates and charges
  - Carlsbad Desalination Plant debt on IAC
  - Allocation of non-commodity charge offsets to Treatment Rate
March 27, 2014 Board Action

The Board authorized the following actions:

1. Defer the final decision regarding how to apply the debt and equity payment for the Carlsbad Desalination Plant to the Administration & Finance Committee for consideration of the CY 2016 rates and charges, and adopt an interim policy for the CY 2015 rates and charges that applies the debt and equity payments for the Carlsbad Desalination Plant to the Supply rate; and

2. Maintain the current policy related to the application of non-commodity revenue offsets for CY 2015 rates and charges and defer to the Administration & Finance Committee the application of revenue offsets to all revenue categories, including Treatment, to the development of the CY 2016 rates and charges; and

3. Defer to the Administration & Finance Committee all other Task Force recommendations, including modification of allocation of Storage Charge and consideration of a Supply Reliability Charge concept.
Two components
- Storage Charge exemption
- Supply discount

Supply discount portion enables participants to purchase water at MWD’s Tier 1 rate
- Participant accept a lower level of water supply reliability
- Supply discount scheduled to terminate January 1, 2015

Extended until December 31, 2015
- Concern over adding firm demand during shortage
- Consider additional extension with 2016 rates
Restarting the Process

- Prioritizing Issues for FYs 2014 & 2015
  - Local Supply Development
  - Fixed Revenues – Mitigating Revenue Risk from Volatility
  - Items Deferred
    - IAC policy suspension for CY 2015 rates and charges
    - Inconsistent allocation of non-commodity revenues
    - Transitional Special Agricultural Water Rate (TSAWR)
    - New Fixed Revenues
Fixed Revenue in Comparison to Fixed Costs

- TOTAL FIXED COSTS
- Fixed Revenue to Fixed Costs (without adjustments)
- Fixed Revenue to Fixed Costs (with all recommendations)
Balancing Local Supply Development with Water Authority Reliability Back Stop

- Member Agency investments in local supply improve regional reliability
  - Offset demands for Water Authority Supply
  - Greater certainty that Water Authority supply will meet anticipated need

- Water Authority recognizes local supply benefit
  - Drought Allocation method
    - Additional regional supply to agencies developing reliable local water
    - Insures against loss of local supply by adding 100% of loss back into need for Water Authority water
Balancing Local Supply Development with Water Authority Reliability Back Stop

- Member Agency benefits from local supplies
  - Improves member agency reliability
  - Additional water in drought allocation
  - Increases price certainty on supply
    - Cost competitive with future imported water prices
  - Changing economics of local supply development
    - Vast majority of Water Authority costs are avoidable at time local supply is first produced
    - Some local supply development avoids wastewater disposal costs
Mitigating Revenue Risks from Volatility

- Fixed charges
  - Through fixed revenue to the Water Authority (recovered regardless of this year sales)
  - Member Agency can vary over time as sales level changes

- Reserves
  - Rate Stabilization Fund – provides an alternative revenue source to meet bond covenants
  - Size of fund is impacted with Net Revenue volatility
    - More volatility = More reserves required

- Minimum Sales Requirement
  - Only if scheduled payments cover a significant portion of costs
    - Can serve the same purpose as fixed charges
Key Revenue Concepts

Options to ensure long-term fiscal sustainability:

a) Enhancing existing fixed charges
b) Developing new sources of fixed revenue
c) Long-term minimum sales guarantees
d) Combination above options

- Balance with local supply development
- Ensure Member Agency and inter-generational equity
Member Agency Concept – San Diego

1. Establish a portion of the Water Authority annual water sales, minimum annual sales, to be fixed revenue.
2. Create new desalination fixed charge apportioned to member agencies based on a 3 year rolling average of proportional sales. It expires when the cost of imported water matches the cost of the desalinated seawater.
Water Authority Staff: General Observations

- Changes to rates and charges need to reflect beneficiaries pay principles and member agency equity
  - Member agencies benefiting from Water Authority investments should pay their fair share of cost
  - Method of allocating costs has greatest impact on member agency equity

- Rates and charges should not distort the efficient and reliable operation of Water Authority facilities

- Based upon Cost of Service Principles and California law
Agree with collaborative process

Interested in exploring the minimum sales concept further; however, a fundamental change in the rate and charge structure could not occur for CY 16 rates

A desire expressed to address the deferred items for CY 16 rates only
Discussion on IAC Policy, TSAWR, Other to be Determined

Begin Discussion with Member Agencies on Revenue Concepts

Key Revenue Concepts with Member Agencies

Sept Board

Provide Update to the Board on Fiscal Sustainability Progress

Nov Board

Seek Direction on Key Concepts

Yes

No

Discuss on 2016 Rates

March Board

April Board

Cost of Service Review

Work with Member Agencies
Going Forward

- September A&F Committee
  - Discuss restarting Fiscal Sustainability process
  - Direction on prioritizing FY 2015 tasks
    - What can be accomplished with drought response as priority

- Member Agency Meetings
  - October-November
  - Key issues for minimum annual sales commitments
  - Is there member agency interest?

- November A&F Committee
  - Report on member agency discussions
  - Seek direction on whether to continue
Investment Management Strategy

Administrative and Finance Committee
September 25, 2014

Presenter: Lisa Marie Harris, Director of Finance/Treasurer
Agenda

• Overview
• Investment Policy Overview
• Current Investment Strategy
• Recommendations
• Next Steps
Overview

**Non-Discretionary External Investment Manager**

- Must get the Water Authority’s *permission* to invest based on their recommendations provided
- Provides additional due diligence and credit monitoring
- Will be investing in asset classes currently permitted
  - Considering investing between 5-10% of the pooled fund
    - Investment policy maximums for Medium Term Notes/ Corporates and Municipal Securities is 30% and 20%, respectively
- Common practice within our Member Agencies and the direction many public entities are going
Policy Purpose, Objectives & Goals

Investment Policy Purpose:
• Adopt policies/procedures that *enhance* opportunities through:
  – Compliance
  – Protection of monies
  – Generation of maximum income w/in parameters set

Objectives:
• Safety
• Liquidity
• Yield
• Public trust

Ultimate Goal:
To enhance the Water Authority’s economic status while protecting its funds
Permitted Investments

• Water Authority portfolio compared to Board policy:

<table>
<thead>
<tr>
<th>Investment Type</th>
<th>Permitted by Board Policy</th>
<th>Actual as of 8/31/2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Agency Investment Fund (LAIF)</td>
<td>$50 Million</td>
<td>$49.6 Million</td>
</tr>
<tr>
<td>Banker's Acceptances</td>
<td>20%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Treasury Securities</td>
<td>15% - Minimum</td>
<td>15.7%</td>
</tr>
<tr>
<td>Agency Securities</td>
<td>85%</td>
<td>55.6%</td>
</tr>
<tr>
<td>Repurchase Agreements</td>
<td>20%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Reverse Repurchase Agreements</td>
<td>20%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Certificates of Deposit (CDARS)</td>
<td>15%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Negotiable Certificates of Deposit</td>
<td>15%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Commercial Paper</td>
<td>25%</td>
<td>15.0%</td>
</tr>
<tr>
<td><strong>Medium Term Notes/Corporates</strong></td>
<td><strong>30%</strong></td>
<td><strong>0.0%</strong></td>
</tr>
<tr>
<td><strong>Municipal Securities</strong></td>
<td><strong>20%</strong></td>
<td><strong>0.0%</strong></td>
</tr>
<tr>
<td>JPA Pools (CAMP)</td>
<td>25%</td>
<td>1.7%</td>
</tr>
<tr>
<td>Money Market Funds</td>
<td>15%</td>
<td>0.1%</td>
</tr>
</tbody>
</table>
Current Investment Management Strategy

• Water Authority has a long history of successfully managing liquidity and cost-effective investing

• Primary investments currently held (Core Investments):
  – Treasuries
  – Government agencies
  – Corporate commercial paper

• Currently **no** exposure to Medium Term Notes/Corporates or Municipal Securities

• Cash flow needs prioritized to meet scheduled payments

• Portfolio managed to a target duration of 1.5 years
Performance History by Asset Class

- Permitted asset class 1-5 year index performance over time:

<table>
<thead>
<tr>
<th>Bond Index</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Treasury</td>
<td>0.70%</td>
<td>0.78%</td>
<td>1.82%</td>
<td>3.11%</td>
</tr>
<tr>
<td>Agency</td>
<td>1.06%</td>
<td>1.03%</td>
<td>1.89%</td>
<td>3.43%</td>
</tr>
<tr>
<td>Corporate (AAA)</td>
<td>1.91%</td>
<td>1.57%</td>
<td>3.15%</td>
<td>3.93%</td>
</tr>
<tr>
<td>Corporate (AA)</td>
<td>2.06%</td>
<td>1.86%</td>
<td>3.30%</td>
<td>3.75%</td>
</tr>
<tr>
<td>Corporate (A)</td>
<td>2.80%</td>
<td>2.80%</td>
<td>4.43%</td>
<td>3.83%</td>
</tr>
<tr>
<td>Taxable Municipals</td>
<td>2.56%</td>
<td>2.90%</td>
<td>n/a *</td>
<td>n/a *</td>
</tr>
<tr>
<td>Municipals</td>
<td>1.99%</td>
<td>1.64%</td>
<td>2.22%</td>
<td>3.17%</td>
</tr>
</tbody>
</table>

* Taxable Municipals Index inception date was 12/31/09

Source: BofA Merrill Lynch 1-5 Year Indices

Returns for periods greater than one year are annualized

* Taxable Municipals Index inception date was 12/31/09
External Investment Manager Role

• Manage a non-discretionary* portfolio of medium term corporate notes and municipal securities
• Investments will be held by Water Authority’s current custodian/safe keeper
• Full-time credit monitoring and due diligence
  – Investment management fee: 6-15 basis points
• Benefits:
  – Portfolio diversification
  – Potential yield enhancement
  – Direct access to market expertise

*Water Authority approval is required for the investment manager to execute a trade
Survey of Member Agencies

- Member agencies were asked if they used any type of external investment managers*

  - 69% No, do not use an external mgr.
  - 31% Yes, use an external mgr.

* 13 respondents
Investment Management Strategy Timeline

- **September**: Issue RFP for External Investment Manager
- **October**: Approve Contract for External Investment Manager
- **November**: Adopt Annual Statement of Investment Policy for Calendar Year 2015
- **December**: 1-2 year Phase-in of New Asset Classes
- **January**:
Recommendations

• Board approval of RFP issuance for external investment manager
• Staff to provide economic analysis supporting recommendation for contract award to the selected external investment manager at the November Board meeting
• Adopt the Annual Statement of Investment Policy for Calendar Year 2015 at the November Board meeting
Optimization of the Water Authority’s Debt Portfolio and other Long-Term Obligations
Agenda

- Projected Savings from Mid-term Budget Update
- Summary of Options Considered
- Staff Recommendations
- Board Action
Mid-Term Budget Projected Savings

- **CIP unanticipated funds**

  **CIP Cost Savings:**
  - Relining and Pipe Replacement Program: $19.9M
  - Carlsbad Desalination Project: 6.3M
  - ESP - San Vicente Dam Raise: 3.0M
  - **Subtotal Project Cost Savings:** $29.2M
  - Lake Hodges Settlement: $26.7M
  - **TOTAL:** $55.9M

- **Operating unanticipated funds**

  **One-time Labor and Benefit Savings:** $4.3M
  - **TOTAL:** $4.3M
Options Reviewed at the August Board meeting

- PAYGO fund options
  - QSA Mitigation – Prepay
  - Debt Optimization
    - Call 2004 COPS
    - Defease selected maturities of 2008 COPs
    - Defease Tax Exempt Commercial Paper (TECP)

- Operating fund options
  - Other Post-Employment Benefits (OPEB)
  - CalPERS Unfunded Liability
# Recommendations for Pay Go $55.9M and Operating Fund $4.3M

<table>
<thead>
<tr>
<th>Options</th>
<th>Amount (in millions)</th>
<th>Savings</th>
<th>Rate Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PAY GO</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1) QSA Pre-payment</td>
<td>$2.0</td>
<td>$500k/yr*</td>
<td>$0.20/AF</td>
</tr>
<tr>
<td>2) 2004 COPs</td>
<td>$40.9</td>
<td>$4M/yr</td>
<td>$12/AF</td>
</tr>
<tr>
<td>3) 2008 COPs</td>
<td>$13.0</td>
<td>$12.1 M</td>
<td>$37/AF</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>$55.90</td>
</tr>
<tr>
<td><strong>OPERATING FUND</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1) OPEB</td>
<td>$4.3</td>
<td>$380K</td>
<td>$0.76/AF</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>$4.3</td>
</tr>
</tbody>
</table>

* Credits begin in 2019 for 4 years
Summary

- Recommendations are based on:
  - Options creating the greatest savings
  - Mitigation of increased rates related to Desalination
  - Controlling escalation of long-term liabilities

- Approve the following Resolutions
  - Defeasance of 2004 COPS
  - Defeasance of a portion of 2008 COPS
  - Execution of OPEB Trust agreement
Today’s Board Action


3. Adopt Resolution 2014-______ approving and authorizing execution of the “Agreement and Election of the San Diego County Water Authority to prefund Other Post-Employment Benefits through CalPERS” and Delegating authority to request disbursements.
Colorado River Hydrology and Reservoir Operations

Imported Water Committee
September 25, 2014

Dan Denham, Colorado River Program Director
June 18, 2013
Upper Basin Conditions

Water Supply Outlook as of June 1, 2014

% of Normal

Lake Powell

San Diego County Water Authority
Lake Powell Unregulated Inflow

April – July Volumes

30 Yr Average (1984-2014)
6.9 MAF

Unregulated Inflow (Million Acre-feet)

Year: 1964 to 2014

San Diego County Water Authority
## Colorado River Basin Storage

As of September 9, 2014

<table>
<thead>
<tr>
<th>Current Storage</th>
<th>Percent Full</th>
<th>Volume (MAF)</th>
<th>Elevation (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Powell</td>
<td>51%</td>
<td>12.31</td>
<td>3,605.7</td>
</tr>
<tr>
<td>Lake Mead</td>
<td>39%</td>
<td>10.12</td>
<td>1,081.3</td>
</tr>
<tr>
<td>Total System Storage</td>
<td>50%</td>
<td>30.15</td>
<td>-----</td>
</tr>
</tbody>
</table>
Lake Mead End of Month Elevation
Unregulated Inflow

Projections from August

<table>
<thead>
<tr>
<th>Date</th>
<th>Elevation (ft above msl)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 1, 2015</td>
<td>1,083 ft</td>
</tr>
<tr>
<td>Jan 1, 2016</td>
<td>1,081 ft</td>
</tr>
</tbody>
</table>

**Surplus Operations**

**Shortage Operations**
### Probability of Lower Basin Shortage

Based on August Projections

<table>
<thead>
<tr>
<th>Year</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>0%</td>
</tr>
<tr>
<td>2016</td>
<td>36%</td>
</tr>
<tr>
<td>2017</td>
<td>58%</td>
</tr>
<tr>
<td>2018</td>
<td>68%</td>
</tr>
<tr>
<td>2019</td>
<td>61%</td>
</tr>
</tbody>
</table>

- **No Cut**: 320,000 AF (11%)
- **1st shortage trigger at 1,075’**:
  - California: 320,000 AF (11%)
  - Arizona: 13,000 AF (4%)
  - Mexico: 50,000 AF (3.5%)

Reductions under 1st shortage trigger at 1,075’
Update on Commercial, Industrial and Institutional Water Use Efficiency Programs

Legislation, Conservation and Outreach Committee
September 25, 2014
Turf Replacement Programs

- Water Authority Turf Replacement Program
  - $1.50 per sq. ft.
  - $9,000 maximum per CII customer address

- MWD Turf Removal Program
  - $2 per sq. ft.
  - Incentive amount limited to project cost

- Incentives can be combined
WaterSmart Field Services

- Landscape Irrigation Surveys
  - One acre or more of irrigated land

- Irrigation Checkups
  - Less than one acre of irrigated land
SoCal WaterSmart Program

- Rebates to install water-efficient devices
- Enhanced incentives for fitness centers & public agencies for landscape devices
## SoCal WaterSmart Program Devices

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Accessory System</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Efficiency Toilets (Tank-Type)</td>
<td>In-stem Flow Regulators</td>
</tr>
<tr>
<td>High-Efficiency Toilets (Flushometer)</td>
<td>Soil Moisture Sensor Systems</td>
</tr>
<tr>
<td>High-Efficiency Toilets (4-Liter)</td>
<td>Connectionless Food Steamers</td>
</tr>
<tr>
<td>Ultra Low and Zero Water Urinals</td>
<td>Air-cooled Ice Machines</td>
</tr>
<tr>
<td>Plumbing Flow Control Valves</td>
<td>Cooling Tower Conductivity Controllers</td>
</tr>
<tr>
<td>Irrigation Controllers</td>
<td>Cooling Tower pH Controllers</td>
</tr>
<tr>
<td>Rotating Nozzles for Pop-up Spray Heads</td>
<td>Dry Vacuum Pumps</td>
</tr>
<tr>
<td>Large Rotary Nozzles</td>
<td>Laminar Flow Restrictors</td>
</tr>
</tbody>
</table>
Water Savings Incentive Program

- Incentive to save water, regardless of method of savings

- Examples
  - Capture, treat and reuse process water
  - Water management services to improve irrigation efficiency
Drought Response Communications Update

Legislation, Conservation and Outreach Committee
September 25, 2014

Jason Foster
Director, Public Outreach and Conservation
Community Outreach

- Campaign materials provided to:
  - More than 70 business groups
  - More than 140 service clubs
  - Leading religious organizations

Oceanside Chamber site
San Ysidro Chamber email
Community Partnerships

- Restaurant Association, Food & Beverage Association
  - Table tent distribution
Media Partnerships

- “Serious” print ads provided to more than 80 papers
  - Seeking donated space
- TV, radio PSAs distributed

Ad in Silver Star
### Campaign Supporters

<table>
<thead>
<tr>
<th>Alliant International University</th>
<th>Clairemont Chamber of Commerce</th>
</tr>
</thead>
<tbody>
<tr>
<td>Altman Nursery</td>
<td>County of San Diego</td>
</tr>
<tr>
<td>American Society of Irrigation Consultants</td>
<td>Deputy Sheriff’s Association</td>
</tr>
<tr>
<td>Asian Business Association</td>
<td>Equinox Center</td>
</tr>
<tr>
<td>California Landscape Contractors Assn.</td>
<td>Ewing Irrigation</td>
</tr>
<tr>
<td>California Restaurant Assn., San Diego Chapter</td>
<td>Food and Beverage Association</td>
</tr>
<tr>
<td>California State University, San Marcos</td>
<td>Gay San Diego magazine</td>
</tr>
<tr>
<td></td>
<td>The Habit</td>
</tr>
<tr>
<td></td>
<td>The Home Depot</td>
</tr>
<tr>
<td></td>
<td>Hydro-Scape</td>
</tr>
<tr>
<td></td>
<td>Hunter Industries</td>
</tr>
<tr>
<td></td>
<td>I Love a Clean San Diego</td>
</tr>
<tr>
<td></td>
<td>Irrigation Association</td>
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<tr>
<td>Jack in the Box</td>
<td>Mission Publishing Group</td>
</tr>
<tr>
<td></td>
<td>National City Chamber of Commerce</td>
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<tr>
<td></td>
<td>Netafim</td>
</tr>
<tr>
<td></td>
<td>North County Economic Development Council</td>
</tr>
<tr>
<td></td>
<td>Oceanside Chamber of Commerce</td>
</tr>
<tr>
<td></td>
<td>Oggi’s Pizza and Brewing Co.</td>
</tr>
<tr>
<td></td>
<td>Plumbing, Heating Cooling</td>
</tr>
<tr>
<td></td>
<td>Contractors Association</td>
</tr>
</tbody>
</table>
Campaign Supporters (cont’d)

Pt. Loma Nazarene University
Rainbird
Rubio’s
San Diego County Apartment Assn.
San Diego Botanic Garden
San Diego Brewers Guild
San Diego County Fair
San Diego County Sheriff’s Department
San Diego Rotary
San Diego Gas & Electric
San Diego Horticultural Society
San Diego Hotel/Motel Association
San Diego Padres
San Diego Regional Airport Authority
San Diego Regional Chamber of Commerce
San Diego Regional Economic Development Corp.
San Diego State University
San Diego Unified Port District
San Diego Zoo
San Ysidro Chamber of Commerce
SeaWorld
Slaters 50/50
Toto
University of California, Davis
University of California, San Diego
University of San Diego
U-T San Diego
Water Conservation Garden
Waterwise Botanicals
Westfield North County
Woodstock’s Pizza
Advertising

- Additional buys under way
  - TV, radio, online
  - Developing “thank you” promotion
- “Save Our Water” campaign
- Leverage local buy
Promotional Items

- Engage more members of public in campaign
  - Positive reinforcement
- Coordinated orders with member agencies
- Items coming:
  - Yard signs
  - Fridge magnets
  - Vehicle magnets (personal and fleet)
  - Lapel pins
  - Counter signs

Yard sign in Poway
Elected Official Briefing

- Partnership with League of Cities
- Monday, Oct. 13
  - 11:45 a.m. start
- Program to address:
  - Drought conditions
  - Water Reliability Efforts
  - Proposition 1
WaterSmartSD.org

Popular programs easier to find
Conservation Program Adjustments

- Simplifying turf replacement application
- Artificial turf public-private partnership
  - Strong industry interest
- WaterSmart Checkups
  - Irrigation timer service available early October
SCOOP Annual Report
Fiscal Year 2014

Legislation, Conservation and Outreach Committee
September 25, 2014
Quick Comparison

- Fewer contracts than 2013
  - FY 14 = 60
  - FY 13 = 74

- Higher total contracts amount
  - FY 14 = ~$105 million
  - FY 13 = ~ $40 million

- More money committed to small businesses
  - FY 14 = $41 million
  - FY 13 = $5.5 million
## SCOOP Fiscal Year 2014 Report

<table>
<thead>
<tr>
<th>Measurements</th>
<th>Total</th>
<th>% Small</th>
<th>% M/W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Database</td>
<td>3,078</td>
<td>34%</td>
<td>25%</td>
</tr>
<tr>
<td># Bidders</td>
<td>472</td>
<td>49%</td>
<td>22%</td>
</tr>
<tr>
<td># Firms</td>
<td>458</td>
<td>37%</td>
<td>12%</td>
</tr>
<tr>
<td>Contracts</td>
<td>60</td>
<td>40%</td>
<td>15%</td>
</tr>
<tr>
<td>$ Awarded</td>
<td>$105,045,976</td>
<td>39%</td>
<td>5%</td>
</tr>
</tbody>
</table>

Overall SCOOP participation goal for 2014 = 30%
Water Supply and Drought Management Update

Presentation by:
Dana Friehauf
Acting Water Resources Manager

Water Planning Committee
September 25, 2014
SWRCB Emergency Regulations
Compliance Requirements for Urban Water Suppliers

- Implement Water Shortage Contingency Plans at mandatory level
  - All member agencies at mandatory level

- Monthly reporting on water production
  - Report by the 15th of each month
  - Agencies reported June/July production numbers by August 15th
  - SWRCB staff reported statewide production down 4.4% in June and 7.5% in July
  - Anticipate August statewide production numbers released at Oct. 7th SWRCB meeting
Fiscal Year Potable Water Use in Water Authority Service Area

Acre-Feet

Water Use FY14 (AF)  Water Use FY15 (AF)

July  August  September  October  November  December  January  February  March  April  May  June
Average Daily Maximum Temperature at Lindbergh Field – Departure from Normal (°F)

August 2014 was 2.1° F warmer than normal

Fiscal Year 2014
Fiscal Year 2015
Climate Prediction Center: Chance of El Niño is at 60%-65% during the fall and winter (September 4, 2014)
Preliminary Water Authority
2015 Water Supply Outlook Scenarios

Water Planning Committee
September 25, 2014

Presentation by:
Ken Weinberg, Director of Water Resources
Dana Friehauf, Acting Water Resources Manager
Evaluation of potential regional cutbacks, should MWD allocate supplies in 2015

“What-if” scenarios, not forecasts

Preliminary outlook due to numerous uncertainties regarding 2015 supply availability and water demands

Prepare updated outlooks as additional information is available
Preliminary Outlook Scenarios for 2015

Water Authority Staff Process

1. Evaluated MWD staff 2015 supply scenarios
2. Developed assumptions on MWD supplies and demands
3. Determined potential MWD cutback level
4. Estimated M&I supplies and demands for San Diego region
5. Determined potential San Diego region cutback level
6. Compared estimated MWD allocation under the current Water Supply Allocation Plan (WSAP) and preferential right
MWD Storage Reserves
End of Year Balances*

Range of EOY Storage will be approaching 2008/09 levels

*Estimated actual storage balances, may be subject to change.
Water Authority Staff

Current Drought Activities

- Monitor water use and drought conditions
- Assist member agencies in compliance with SWRCB Emergency Regulations
- Participate in MWD member agency review of Water Supply Allocation Plan
- Initiate review of Water Authority’s Supply Allocation Methodology
- Prepare water supply outlook scenarios for September Board meeting

2015 SWP Conditions for Balance

- 200 TAF of storage takes would maintain 1 MAF in Storage Reserves
- Lower Than 40% SWP Allocation would need consideration of WSAP assuming other transfers and actions are not available
- 40% SWP Allocation
Dry SWP Conditions Require Additional Actions

- **Additional Storage Take, Transfers, Water Supply Allocation**
- **Storage 0.2**
- **SWP 0.4**
- **CRA 1.0**

20% SWP Allocation
Water Authority 2015 Outlook Scenarios
Estimated MWD Supplies

<table>
<thead>
<tr>
<th>Supply Source</th>
<th>5% SWP Allocation</th>
<th>15% SWP Allocation</th>
<th>20% SWP Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWP</td>
<td>103,000</td>
<td>294,000</td>
<td>389,000</td>
</tr>
<tr>
<td>CRA Base Supply¹</td>
<td>770,000</td>
<td>770,000</td>
<td>770,000</td>
</tr>
<tr>
<td>Dry-Year Storage Take</td>
<td>498,000</td>
<td>415,000</td>
<td>415,000</td>
</tr>
<tr>
<td><strong>Total Supply</strong></td>
<td><strong>1,371,000</strong></td>
<td><strong>1,479,000</strong></td>
<td><strong>1,574,000</strong></td>
</tr>
</tbody>
</table>

¹ Excludes Water Authority’s Colorado River Transfers, which are included as San Diego regional supply
Key Water Authority Assumptions and Estimated MWD Storage Take and End-of-Year Balance

Estimated storage take based on two criteria:

1. MWD having 1.4 MAF to 1.5 MAF supplies to allocate, limiting cutback level to 20%, or

2. 1/3 available storage supplies

<table>
<thead>
<tr>
<th></th>
<th>5% SWP Allocation</th>
<th>15% SWP Allocation</th>
<th>20% SWP Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014 End-of-Year Storage</td>
<td>1.2 MAF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage Take</td>
<td>498,000 AF</td>
<td>415,000 AF</td>
<td>415,000 AF</td>
</tr>
<tr>
<td>2015 End-Of-Year Storage</td>
<td>747,000 AF</td>
<td>830,000 AF</td>
<td>830,000 AF</td>
</tr>
</tbody>
</table>
## Water Authority 2015 Outlook Scenarios

### Estimated MWD Cutback Percentage

<table>
<thead>
<tr>
<th>2015</th>
<th>5% SWP Allocation</th>
<th>15% SWP Allocation</th>
<th>20% SWP Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available Supply</td>
<td>1,371,000</td>
<td>1,479,000</td>
<td>1,574,000</td>
</tr>
<tr>
<td>Adjusted Baseline Demand on MWD&lt;sup&gt;1&lt;/sup&gt;</td>
<td>1,717,000</td>
<td>1,717,000</td>
<td>1,717,000</td>
</tr>
<tr>
<td>Supply Shortfall</td>
<td>346,000</td>
<td>238,000</td>
<td>143,000</td>
</tr>
<tr>
<td><strong>Estimated MWD Cutback Percentage</strong></td>
<td><strong>20%</strong></td>
<td><strong>14%</strong></td>
<td><strong>8%</strong></td>
</tr>
</tbody>
</table>

<sup>1</sup>Assumed CY2012-2014 baseline, adjusted for growth. Excludes Water Authority’s Colorado River Transfers
Preliminary 2015 Outlook Scenarios
Supply Assumptions for San Diego Region

- MWD Allocation
  - CY 2012 – CY 2014 baseline demand
  - Current WSAP methodology
- Scheduled QSA transfers
- Partial-year Carlsbad Desalination Plant production
- Dry-year local surface and groundwater
- TSAWR supply shortage tied to MWD cutback level
### Preliminary 2015 Outlook Scenarios
San Diego Region Total M&I Supplies

<table>
<thead>
<tr>
<th>Supply Source</th>
<th>5% SWP Allocation</th>
<th>15% SWP Allocation</th>
<th>20% SWP Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>MWD M&amp;I Allocation</td>
<td>210,000</td>
<td>223,000</td>
<td>237,000</td>
</tr>
<tr>
<td>(under current WSAP)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colorado River Transfers</td>
<td>180,200</td>
<td>180,200</td>
<td>180,200</td>
</tr>
<tr>
<td>Carlsbad Desal Project</td>
<td>10,000</td>
<td>10,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Potable Local Supplies</td>
<td>60,000</td>
<td>60,000</td>
<td>60,000</td>
</tr>
<tr>
<td><strong>Total M&amp;I Supplies</strong></td>
<td><strong>460,200</strong></td>
<td><strong>473,200</strong></td>
<td><strong>487,200</strong></td>
</tr>
</tbody>
</table>
# Preliminary 2015 Outlook Scenarios

## San Diego Region M&I Percent Cutback

<table>
<thead>
<tr>
<th>2015</th>
<th>5% SWP Allocation</th>
<th>15% SWP Allocation</th>
<th>20% SWP Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Supplies</td>
<td>460,200</td>
<td>473,200</td>
<td>487,200</td>
</tr>
<tr>
<td>Adjusted M&amp;I Base Demands(^1)</td>
<td>504,000</td>
<td>504,000</td>
<td>504,000</td>
</tr>
<tr>
<td><strong>San Diego Region Percent Cutback(^2)</strong></td>
<td><strong>9%</strong></td>
<td><strong>6%</strong></td>
<td><strong>3%</strong></td>
</tr>
</tbody>
</table>

1) Adjusted M&I Base Demands established using CY 2012 – CY 2014 data

2) Estimated percent cutback is a regional number, actual cutback for each member agency will vary based on availability of local supplies
Estimated 2015 M&I Outlook Scenarios

-Regional Shortage Roughly Half of MWD Cutback-

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Thousand AF</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Diego Region Cutback 9%</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>180</td>
</tr>
<tr>
<td></td>
<td>210</td>
</tr>
<tr>
<td>MWD Cutback 20%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5% SWP</td>
</tr>
<tr>
<td></td>
<td>15% SWP</td>
</tr>
<tr>
<td></td>
<td>20% SWP</td>
</tr>
<tr>
<td>MWD Cutback 14%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5% SWP</td>
</tr>
<tr>
<td></td>
<td>15% SWP</td>
</tr>
<tr>
<td></td>
<td>20% SWP</td>
</tr>
<tr>
<td>MWD Cutback 8%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5% SWP</td>
</tr>
<tr>
<td></td>
<td>15% SWP</td>
</tr>
<tr>
<td></td>
<td>20% SWP</td>
</tr>
</tbody>
</table>

Legend:
- MWD M&I WSAP Allocation
- Carlsbad Desal
- CR Transfers
- Surface & Groundwater
Comparison of Estimated WSAP Total Allocation and Preferential Right

<table>
<thead>
<tr>
<th></th>
<th>5% SWP Allocation</th>
<th>15% SWP Allocation</th>
<th>20% SWP Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>MWD WSAP Total Allocation(^1,2)</td>
<td>244,000</td>
<td>260,000</td>
<td>276,000</td>
</tr>
<tr>
<td>Preferential Right(^3)</td>
<td>248,000</td>
<td>268,000</td>
<td>285,000</td>
</tr>
</tbody>
</table>

1) Total WSAP allocation from MWD, includes TSAWR allocation

2) Based on current WSAP model. Modifications currently under consideration that could provide more water

3) Based on MWD 2013 Preferential Right percentage (18.11%)
Preliminary 2016 Outlook

- Considerable speculation regarding available supplies
- Estimated MWD dry-year storage as of the end of 2015: 700-800 TAF
- MWD storage take approximately 1/3 to 1/2 of available dry-year storage
- Reduced MWD supplies result in a larger WSAP cutback by an additional 5 percent above 2015 scenarios
- Full year of Carlsbad Desalination Plant production provides added benefit
  - Reduced dependence on MWD results in San Diego region’s cutback being about 60% less than the MWD reduction
Preliminary 2015 Outlook Scenarios

Conclusion

- Preliminary analysis due to numerous uncertainties regarding supply availability and water demands
  - “What-if” scenarios, not forecasts

- Updated outlooks as additional information is available

- Results from preliminary 2015 analysis shows:
  - San Diego region supply shortage is approximately half the MWD cutback level
  - Allocation amount greater under Preferential Rights compared to MWD current WSAP model
Next Steps

- Continue to participate in MWD’s Water Supply Allocation Plan methodology review

- Initiate review of Water Authority’s supply allocation methodology
  - Based on modifications to MWD WSAP
  - Originally approved by Board in 2006 as part of Water Shortage and Drought Response Plan
  - Modifications approved in April 2012 based on “lessons learned” from 2009-2011 shortage

- Report back to the Board on these efforts and updated supply conditions
State Water Resources Control Board

Ocean Plan Amendments

Water Planning Committee
September 25, 2014

Presented by: Bob Yamada
Water Resources Manager
Draft amendments released on July 3
- In development since 2011
- Water Authority engaged from onset
- Water Authority and Poseidon comment letters submitted on August 18

Amendments address requirements for desalination intakes and discharges
- Provide statewide guidance and consistency
Amendments apply to Carlsbad project

- Planned renewal of existing Regional Board permit
- Scheduled shutdown of Encina Power Station – Transition to stand-alone operations
SWRCB Desalination Draft Ocean Plan Amendments Key Inclusions

- Recognizes one-size-fits-all approach not appropriate
- Identifies preferred technology
  - Subsurface intakes
  - Outfall discharges
- Provides path of compliance for alternative intakes and discharges
  - Specifically addresses Carlsbad “flow augmentation” discharge method
- Determinations regarding alternative methods at local Regional Board level
Water supplier comments focused on:

- Need for site-specific consideration
- Practicality of implementation
- Need for additional clarity
- Feasibility determinations should align with CEQA/Coastal Act
  - Include economic feasibility
- Need for performance standard for alternative compliance methods
Environmental community comments focused on:
- Subsurface intakes as “best technology”
- Linking desalination to power plant once-through-cooling policy
- Feasibility determinations should not include economic considerations
Practicality of implementation of open ocean intakes
- Recommended 0.5 mm intake screen not proven to work
- Poseidon offered to test smaller screen sizes during operation

Intake technology preference cannot dictate project size to the detriment of supply reliability
- Water supply mix is local decision based on local conditions

Performance standard for alternative discharge method needed

Flexibility in determining brine mixing zone
- Currently uses standard based on outfall discharge
SWRCB Desalination Ocean Plan Amendments
Key Water Authority Concerns

- Subsurface intakes are not proven technology
  - Comparatively few applications worldwide
  - Very little experience with CA coastal geology
  - At most, maintain “Preference” rather than a “requirement”

- Mitigation requirements should align with mitigation efforts already under way for the Carlsbad Project
  - Future projects should mitigate for actual impacts

- Salinity requirements should reflect historical measurement methods and account for historical variation
Next Steps

- Staff will continue to stay engaged with SWRCB staff and Board members to address concerns as the Final Draft is developed.

- Final Draft to be released in “Fall 2014”

- Adoption of Amendment scheduled for “Winter 2014”
Aqueduct Maintenance Program (Information)

E&O Committee
September 25, 2014

Gary Eaton
Director of Operations & Maintenance
LADWP Pipeline Failure

July 29, 2014 - failure of 93 year old 30-inch diameter Pipeline
SDCWA Infrastructure

- Pipelines (300 miles)
- 1,358 Line Structures
- Treatment plant
- Dam/reservoir
- Hydro-generation facilities
- Flow Regulatory Structures and Tanks
- Pump stations
- Communications facilities
Predictive Maintenance (PdM)

- Observation and Testing
- Signal future problem
  - Visual Inspection
  - Oil Analysis
  - Thermal Imaging
  - Vibration Analysis
  - Acoustic Fiber Optics
Preventative Maintenance (PM)

- Performed to prevent failure
- Adjustments, minor parts replacement
  - Lubrication
  - Replacement of wear items (i.e. belts/hoses)
- Cleaning
- Painting
Corrective Maintenance (CM)

- Identify, isolate and rectify a fault
- Restore to operational condition
  - Pipe repair or replacement
  - Valve repair or replacement
  - Vehicle repair
FY 2013 -2014 Maintenance Status

• All Preventative Maintenance completed
• 1,358 Line Structures serviced
• 75 Flow Control Facilities serviced
• 80 miles of right-of-way mowed/graded
• All aqueduct shutdowns completed
• 6 Flow Control Facilities rehabilitated
San Diego #12 – Prior to Rehab
San Diego #12 - After Rehab
Continuous Improvement

• Key Performance Indicators (KPI’s)

• Injury Incident Rate 1.5 (industry avg. 5.9)

• No Unplanned Outages (100% uptime)

• Supervisory Control and Data Acquisition (SCADA) communications uptime 99.85% (goal 99.5%)

• Unaccounted for water 0.167% (Admin Code goal for revenue meter accuracy ± 2%)
Carlsbad Desal Project Update

Engineering & Operations Committee
September 25, 2014
## Project Elements

<table>
<thead>
<tr>
<th>Project Description</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Marcos Vent</td>
<td></td>
<td></td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Pipeline 3 Relining</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Twin Oaks Plant Modifications</td>
<td></td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conveyance Pipeline</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carlsbad Treatment Plant</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>System Commissioning</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>
Relining of Pipeline 3

- All portals complete
- 99% (1,667 liners) of steel liners installed
- Welding over 60% complete
- Continue cement mortar lining: 25% complete
- Project on schedule
Twin Oaks Improvements

- ✔ 54-inch steel pipeline connecting Pipeline 3 to clearwells
- ✔ Modify Clearwell 1
- ✔ Modify Clearwell 2
- ✔ Complete meter vault
- ✔ Complete chemical feed facilities
- ✔ Complete isolation valve vault
- □ Installation of ammonia valve
Conveyance Pipeline
Progress to Date

- **Safety:** (246,000 work-hours) Two lost time injuries.
- **Design:** Over 100% complete
- **Amount of pipe installed** 29,500 34,500 feet (out of 53,000)
- **Current work areas**
  - Trench and tunnel work at Faraday Avenue – Multiple locations (Carlsbad)
  - Trench work at Melrose Avenue complete, tunnel work underway (Carlsbad)
  - Tunnel work north on Avenida Encinas (Carlsbad)
  - Macario Tunnel (tunneling from Cannon Road shaft and excavating on Faraday Ave shaft)
  - Work has started on pipeline interconnect facility
Desalination Plant

Desalination Conveyance Pipeline 10 miles of new 54-inch Pipe

Current Work

Pipeline 3 Work

Pipeline 3 Relining

TOVWTP Improvements

Current Trench Work

Trench /tunnel On Faraday

Tunnel at Melrose & Faraday

Aqueduct Connection Facilities

Pacific Ocean
Progress on Macario Tunnel

Desalination Plant

Current Tunnel Work

Progress on Macario Tunnel

Current Trench Work on Faraday
Desalination Plant Progress

- Safety: One lost time injury (276,000 man hours)
- Total working on project: \(329,393\)
- Amount of concrete poured: \(33,617 \text{ to } 35,387\) Cubic yards (87.4\%\) (92\%\)
- Amount of reinforcement steel: \(3,517 \text{ to } 3,573\) tons (90.6\%\) (92\%\)
- Amount of conduit/pipe placed: \(28,645 \text{ to } 39,337\) feet (36\%\) (49\%\)
- Design is 99\% 100\% complete
- Overall: 50\% 62\% complete
Intake Upgrade

- Anticipated under the WPA

- WPA limits Water Authority cost exposure
  - Capital cost ceiling: 21.3M (Indexed)
  - Annual operating cost increase ceiling: $2.66M (Indexed)

- Water Authority has option to finance capital costs or have Poseidon finance them.

- Water Authority and Poseidon to agree on a price.
  - Poseidon must substantiate all costs
Intake Upgrade – Current Status

- Environmental compliance activities scheduled to begin in November/December timeframe
  - Water Authority to serve as “lead agency”

- Starts with Notice of Preparation for the Supplemental EIR
  - 30-day public review period
  - Public scoping meeting to be held in Carlsbad
  - Comments received will be considered during preparation of the Supplemental EIR
Current Intake Upgrade Schedule

November 2014 – April 2016: Env. Review / Permitting

September 2014 – January 2015: Concept Engineering
Detailed cost estimating

July 2016 – late 2017: Design and Construction
### Carlsbad Desalination Conveyance Facilities

**“Contract Administration Memoranda”**

<table>
<thead>
<tr>
<th>Contract Administration Memoranda Number/Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. <strong>Credit</strong>: San Marcos Street Improvements not required</td>
<td>($190,000)</td>
</tr>
<tr>
<td>2. <strong>Credit</strong>: Department of Public Health cutoff wall and monitoring wells not required</td>
<td>($125,000)</td>
</tr>
<tr>
<td>3. <strong>Add</strong>: Property for air release and vacuum valve structures</td>
<td>$100,000</td>
</tr>
<tr>
<td>4. <strong>Add</strong>: Costs to permit and develop Macario tunnel design</td>
<td>$185,000</td>
</tr>
<tr>
<td>5. <strong>Administrative</strong>: Schedule of Values</td>
<td>No Cost</td>
</tr>
<tr>
<td>6. <strong>Add</strong>: Carlsbad Valve Vault (Reimbursable)</td>
<td>$29,300</td>
</tr>
<tr>
<td>7. <strong>Add</strong>: Vallecitos 9 Flow Control (Reimbursable)</td>
<td>$219,300</td>
</tr>
<tr>
<td>8. <strong>Credit</strong>: Pipe Coating Modifications</td>
<td>($209,930)</td>
</tr>
<tr>
<td>9. <strong>Add</strong>: Flow Meter Test</td>
<td>$54,000</td>
</tr>
<tr>
<td>Contract Administration Memoranda Number/Description</td>
<td>Value</td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Allowance for measures to handle pipeline pressure</td>
<td>$10,000,000</td>
</tr>
<tr>
<td>• Current Modification Cost</td>
<td>$6,989,000</td>
</tr>
<tr>
<td>Current Balance</td>
<td>$3,011,000</td>
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</tbody>
</table>
## Carlsbad Desalination Project Budget Summary

<table>
<thead>
<tr>
<th>Task/Activity</th>
<th>Lifetime Budget ($ Millions)</th>
<th>Expended ($ Millions)</th>
<th>% Expended</th>
<th>% Complete</th>
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<tbody>
<tr>
<td>Desalination Plant Water Purchase Agreement</td>
<td>$3.97</td>
<td>$1.62</td>
<td>41%</td>
<td>62%</td>
</tr>
<tr>
<td>Desalination Product Water Conveyance Pipeline</td>
<td>$10.40</td>
<td>$6.66</td>
<td>64%</td>
<td>70%</td>
</tr>
<tr>
<td>Pipeline 3 Desalination Relining</td>
<td>$36.46</td>
<td>$19.67</td>
<td>54%</td>
<td>65%</td>
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<tr>
<td>San Marcos Vent Desalination Modifications</td>
<td>$3.20</td>
<td>$2.57</td>
<td>80%</td>
<td>100%</td>
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<tr>
<td>Twin Oaks Treatment Plant Modifications</td>
<td>$17.35</td>
<td>$16.30</td>
<td>94%</td>
<td>99%</td>
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<tr>
<td>Carlsbad MWD New Facilities for Desal</td>
<td>$0.12</td>
<td>$ -</td>
<td>-</td>
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<tr>
<td>Vallecitos WD New Facilities for Desal</td>
<td>$0.22</td>
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<tr>
<td>Carlsbad Desalination Project Contingencies</td>
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<td>-</td>
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</tr>
<tr>
<td>De-appropriated</td>
<td>$6.3</td>
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</tr>
<tr>
<td>Total</td>
<td>$80.0</td>
<td>$46.82</td>
<td>58.5%</td>
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</table>
Carlsbad Flyover