Metropolitan’s Colorado River Agricultural Agreements

IWC Binational Workgroup
October 28, 2014
Colorado River Apportionments (Million acre-feet)

- **Upper Basin States**
  - Wyoming: 1.04
  - Colorado: 3.86
  - Utah: 1.71
- **Lower Basin States**
  - California: 4.4
  - Nevada: 0.3
  - Arizona: 2.8
  - Mexico: 1.5
  - New Mexico: 0.84
1931 Seven Party Agreement

1. Palo Verde ID (104,500 acres valley)  
2. Yuma Project (25,000 acres)  
3. (a) Imperial ID/Coachella Valley WD  
   (b) PVID (16,000 acres mesa)  
4. Metropolitan WD  
   \[ \text{Subtotal} = 3.850 + 0.550 = 4.400 \]
5. Metropolitan WD  
   \[ \text{Total} = 0.662 + 0.300 = 0.962 \]
6. Additional IID/CVWD/PVID  
7. Agricultural Use  
   All Remaining  
   \[ \text{Total} = 5.062 \]
Quantification Settlement Agreement
Quantified Water Budgets

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<tr>
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<th>maf</th>
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<tbody>
<tr>
<td>PVID</td>
<td></td>
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<tr>
<td>Yuma Project</td>
<td>0.42 (Average)</td>
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<tr>
<td>IID</td>
<td>3.10</td>
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<tr>
<td>CVWD</td>
<td>0.33</td>
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<tr>
<td>MWD *</td>
<td>0.55</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>4.40</strong></td>
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*Amount fluctuates based on PVID/Yuma Project use, unused IID and CVWD water*
35-year program (2005-40)
- Reliable water supply

Variable Fallowing Call
- Between 10% and 35% of program lands
- Up to 120,000 AF available

Stabilizes Farm Economy

Community Improvement Program
Program Implementation

- Fallowing Calls Made 1 year in Advance
  - August 1 each year
  - Call in place for 2 years
- Land fallowed for at least 1 year but no more than 5 years
- PVID staff ensure program compliance
  - Costs reimbursed by Metropolitan
PVID Fallowing Program Yield

Water Saved (AF), Contract Year (August 1 – July 31)

- 2005/06: 121,067 AF
- 2006/07: 57,065 AF
- 2007/08: 57,685 AF
- 2008/09: 129,394 AF
- 2009/10: 50,601 AF
- 2010/11: 120,315 AF
- 2011/12: 106,504 AF
- 2012/13: 31,179 AF
- 2013/14: 32,750 AF
- 2014/15: 62,000 AF

- Base
- Emergency
Palo Verde Valley Community Improvement Fund

- Metropolitan provided $6 million in 2005
- Managed by Volunteer Board
- Half of Funds Distributed
  - Grants and loans
  - Included small business development; job training programs
- MWD, PVID non-voting members
Imperial Irrigation District-Metropolitan Water Conservation Program

- 50-year Program (1990-2040)
  - Reliable water supply
- Firm Annual Yield
  - Between 100 and 110 TAF conserved each year
- Allows IID to grow the same crops with less water
Program Implementation

- Metropolitan funds construction and operation of water conservation projects
- Most capital improvements completed in 1990s
- Program now focuses on operations and maintenance
- Each year, staff from IID and MWD review budget to determine annual funding amounts
Recent Agricultural Agreements

- 2012 – Metropolitan agreed to fund agricultural conservation in Mexico per Minute 319
- 2013– Metropolitan included IID in Minute 319 conservation funding agreement
- 2014 – Metropolitan, Central Arizona Project, Southern Nevada Water Authority, and Reclamation agree to implement system conservation program
2014 Colorado River Aqueduct Supplies
Projected

1.187 MAF Net Diversion

- ICS Delivery
- SNWA Storage Account
- LCWSP
- PVID Fallowing Program
- Canal Lining to MWD
- Canal Lining to SDCWA
- IID-SDCWA Transfer
- MWD-IID Conservation
- Adjusted Basic Apportionment

Million Acre-Feet (MAF)