The Sacramento Groundwater Authority

A GSA Before Its Time

California Water Association
May 19, 2016
Overview

• The Sacramento Region
• Groundwater Challenges
• Water Forum Agreement
• SGA Structure
• SGA Funding
• Water Accounting Framework
• Results
• Challenges
Water for the Sacramento Region
Historic Groundwater Levels
Regional Contamination Plumes
Water Forum Agreement

Provide a Reliable Water Supply to 2030 And Protect the Lower American River

- Improved Flow Standard
- Habitat Management
- Improve Water Conservation
- Groundwater Management
- Increased Surface Water Diversions
- Dry Year Actions
- Water Forum Successor Effort
Groundwater Management Areas

Sacramento Groundwater Authority
(formed 1998)

Sacramento Central Groundwater Authority
(formed 2006)
What is SGA?

Joint powers authority by cities of Citrus Heights, Folsom, and Sacramento and Sacramento County using common police powers to manage basin.
Representation

• Board members appointed from

  – Public Water Agencies (10)
  – Private Water Suppliers (2)
  – Mutual Water Companies (2)
  – Self-Supplied Agriculture* (1)
  – Self-Supplied Industry* (1)

*non-fee payer
SGA Funding Model

Two Components

1. Groundwater Extraction Fees
   - $4.20 per acre foot fee
   - Contributes approx. 62% of overall budget

2. Base Administrative Fee
   - Agencies that receive only surface water benefit from management of groundwater basin
   - Minimum fee is $7,077 + $0.89 per connection
   - Contributes approx. 38% of overall budget

Annual Operating Budget - $500,000
Staffing – 2.3 FTE
<table>
<thead>
<tr>
<th>Agency</th>
<th>Pumping Prior to SGA (ac-ft)</th>
<th>Sustainability Reduction (ac-ft)</th>
<th>Sustainable Target (ac-ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carmichael WD</td>
<td>7,516</td>
<td>870</td>
<td>6,646</td>
</tr>
<tr>
<td>City of Sacramento</td>
<td>23,287</td>
<td>2,696</td>
<td>20,591</td>
</tr>
<tr>
<td>California American Water</td>
<td>20,351</td>
<td>2,356</td>
<td>17,995</td>
</tr>
<tr>
<td>Del Paso Manor WD</td>
<td>1,657</td>
<td>192</td>
<td>1,465</td>
</tr>
<tr>
<td>Golden State WC</td>
<td>1,242</td>
<td>144</td>
<td>1,098</td>
</tr>
<tr>
<td>Rio Linda/Elverta Community WD</td>
<td>3,259</td>
<td>377</td>
<td>2,882</td>
</tr>
<tr>
<td>Sacramento County WA</td>
<td>4,850</td>
<td>562</td>
<td>4,288</td>
</tr>
<tr>
<td>Sacramento Suburban WD</td>
<td>39,622</td>
<td>4,587</td>
<td>35,035</td>
</tr>
<tr>
<td>Total</td>
<td>101,784</td>
<td>11,784</td>
<td>90,000</td>
</tr>
</tbody>
</table>
American River Basin
Conjunctive Use Program
Large-Scale Conjunctive Use Infrastructure

Cooperative Transmission Pipeline and Howe Transmission Pipeline/Enterprise Facility
- Received >300 TAF since mid-1990s

Freeport Regional Water Project
- 185 MGD intake (2010)
- 85 MGD in County
- 50 MGD SWTP in County, expandable to 100 MGD
Groundwater Management Results
What About SGMA

- Declared intent to be GSA – 10/2015
- Confirmed as Exclusive GSA
- Share North American Subbasin with Western Placer County and Southern Sutter County
- Multiple GSAs
- Common GSP?
- Alternative?
John Woodling
jwoodling@rwah2o.org