

SACRAMENTO GROUNDWATER AUTHORITY

Agenda Item 4: SGA Staffing Plan Discussion

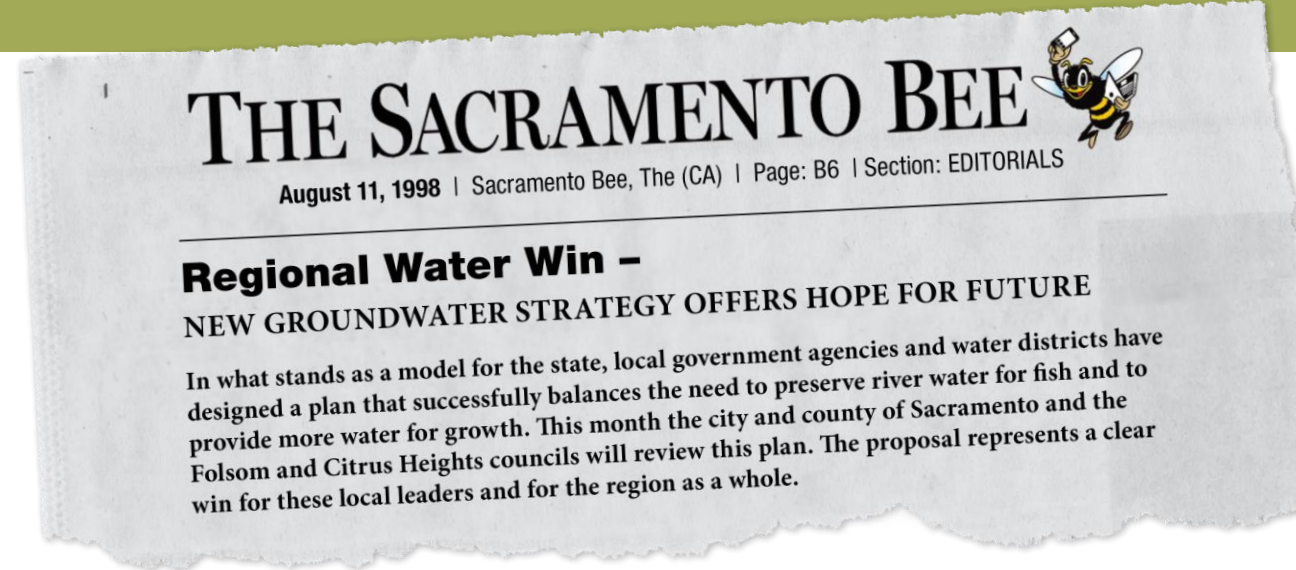


SGA purpose



SGA formed to implement the Water Forum Groundwater Management Element. Joint Powers Agreement sites:

- maintain the long-term sustainable yield of the North Area Basin
- ...facilitate implementation of an appropriate conjunctive use program by water purveyors
- ...devise and implement strategies to safeguard groundwater quality
- work collaboratively with other entities...to promote coordination of policies and activities throughout the region



SGA is staffed through agreement with Regional Water Authority (RWA)

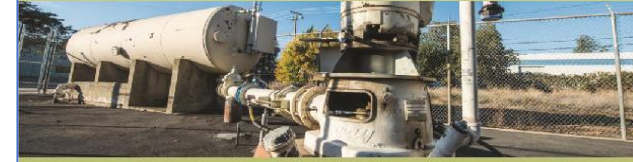
- 2.3 permanent full-time equivalent (FTE) staff for SGA since 2003
- Used a 0.5 FTE Retired Annuitant in 2013 and 2014
- Used another 0.5 FTE Retired Annuitant in 2020 and 2021
- FY20/21 planned expenses (\$1.3M)
 - \$603K staffing (includes funding for part-time Retired Annuitant)
 - \$73K office
 - \$114K admin consulting
 - \$60K technical consulting
 - \$470K Groundwater Sustainability Plan development consulting

SGA has maintained a progressive groundwater management program



- Groundwater Management Plan
 - 2003, 2008, 2014
- Basin Management Reports
 - 2005, 2007, 2010, 2012, 2015
- Data Collection
 - Biennial until 2009, requested all water quality and monthly pumping
 - Since 2015, only water quality where have exceedances and monthly pumping
 - Database only updated through 2006
 - Currently maintain data in spreadsheets

Sacramento Groundwater Authority



Sacramento Groundwater Authority

Groundwater Management Plan

Sacramento County - North Basin



December 2014

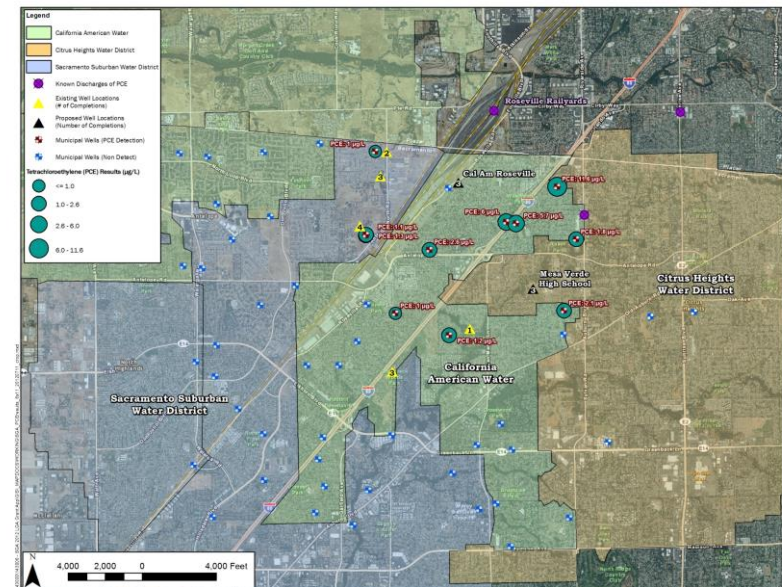
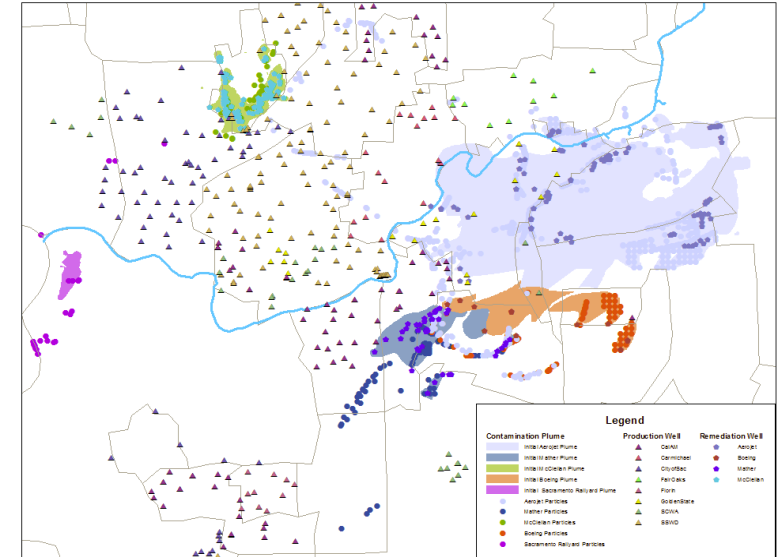
Basin Management Report
2016 Update



SGA has maintained a progressive groundwater management program



- Monitoring
 - Maintained monitoring wells since 2005
 - Became CASGEM entity in 2012
- Water Quantity
 - Completed Water Accounting Framework in 2010 and tracked since 2012
- Water Quality
 - Regional Contamination Issues Committee started in 2004
 - Regional vulnerability study (completed 2011)
 - PCE study (completed 2016)



Groundwater management is not without cost, but it has created financial benefits



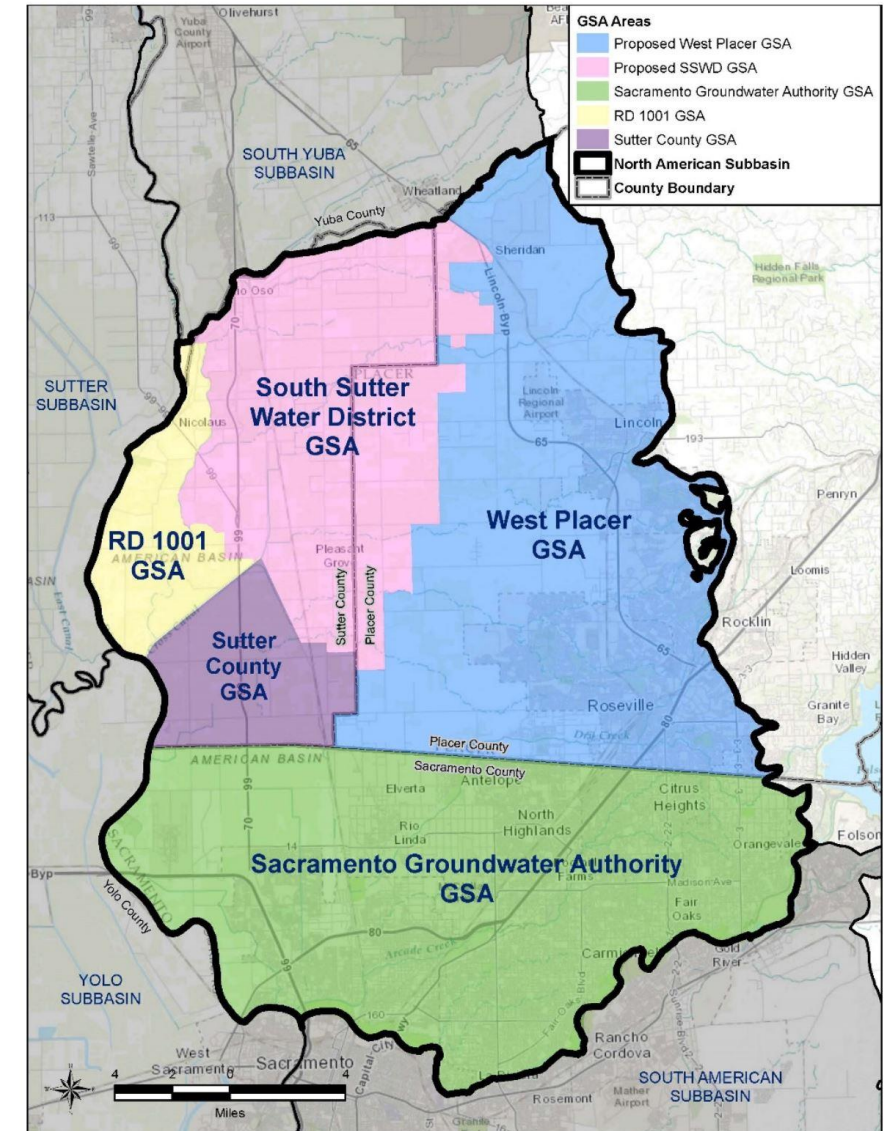
- DWR grants have required that groundwater-related projects are subject to an approved groundwater management plan
 - Hard to pin down exact number, but grants likely in excess of \$20 million
- Since 2012 DWR grants have required CASGEM compliance
- SGA direct grants in excess of \$2 million
 - 2003 Data Management System
 - 2004 Monitoring Wells
 - 2005 Groundwater Model Update
 - 2007 Regional Groundwater Vulnerability Study
 - 2012 PCE Study
 - 2018 SGMA GSP Grant

Implementing SGMA (No Longer Voluntary)



After GSP adoption:

- Facilitate GSAs as plan manager
- Continued engagement with, and tracking of, “other beneficial users” of groundwater
 - Domestic, ag, commercial, small systems
 - Environment, surface water
 - New wells, deepening of existing wells
- Monitor and evaluate Management Objectives and Minimum Thresholds
 - Water levels
 - TDS and Nitrates analysis
- Other contamination issues

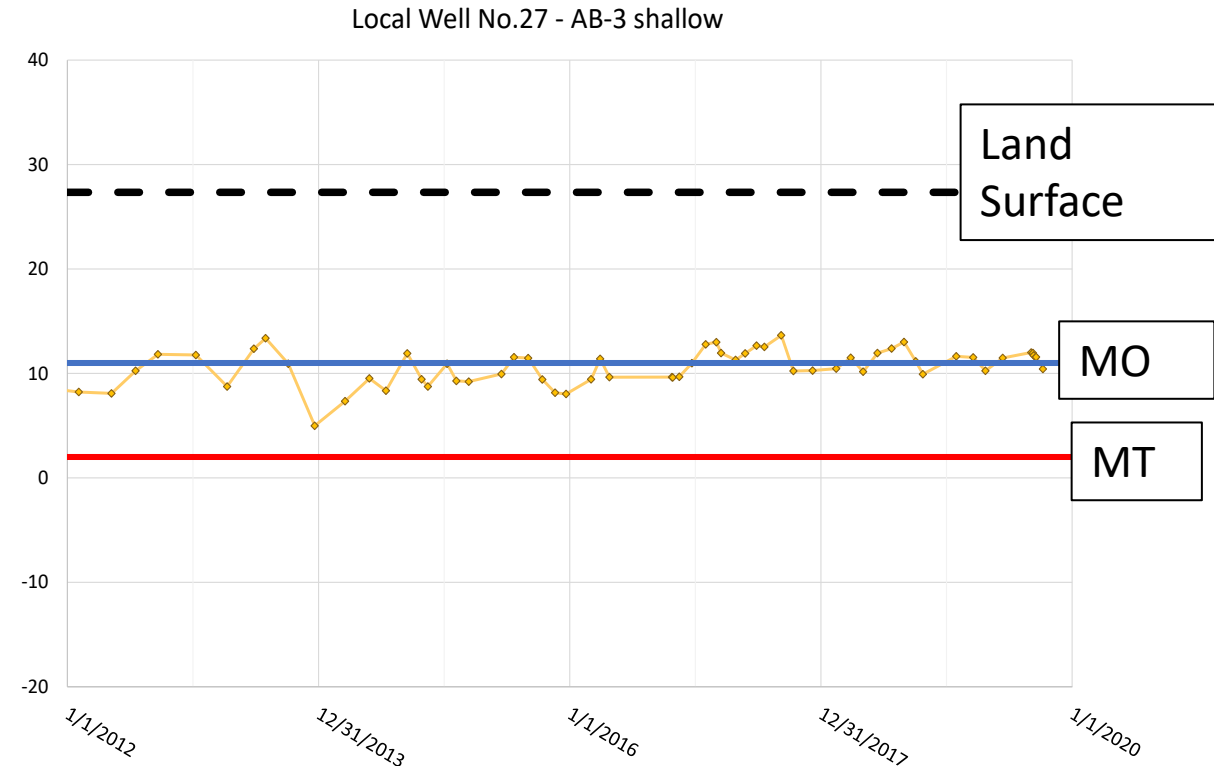


Implementing SGMA (continued)



After GSP adoption:

- Maintain a data management system
- Monitor and evaluate Management Objectives and Minimum Thresholds
- Annual report due April 1
 - Groundwater elevation data
 - Groundwater extraction data
 - Surface water used or available for groundwater recharge
 - Total water use
 - Change in groundwater storage

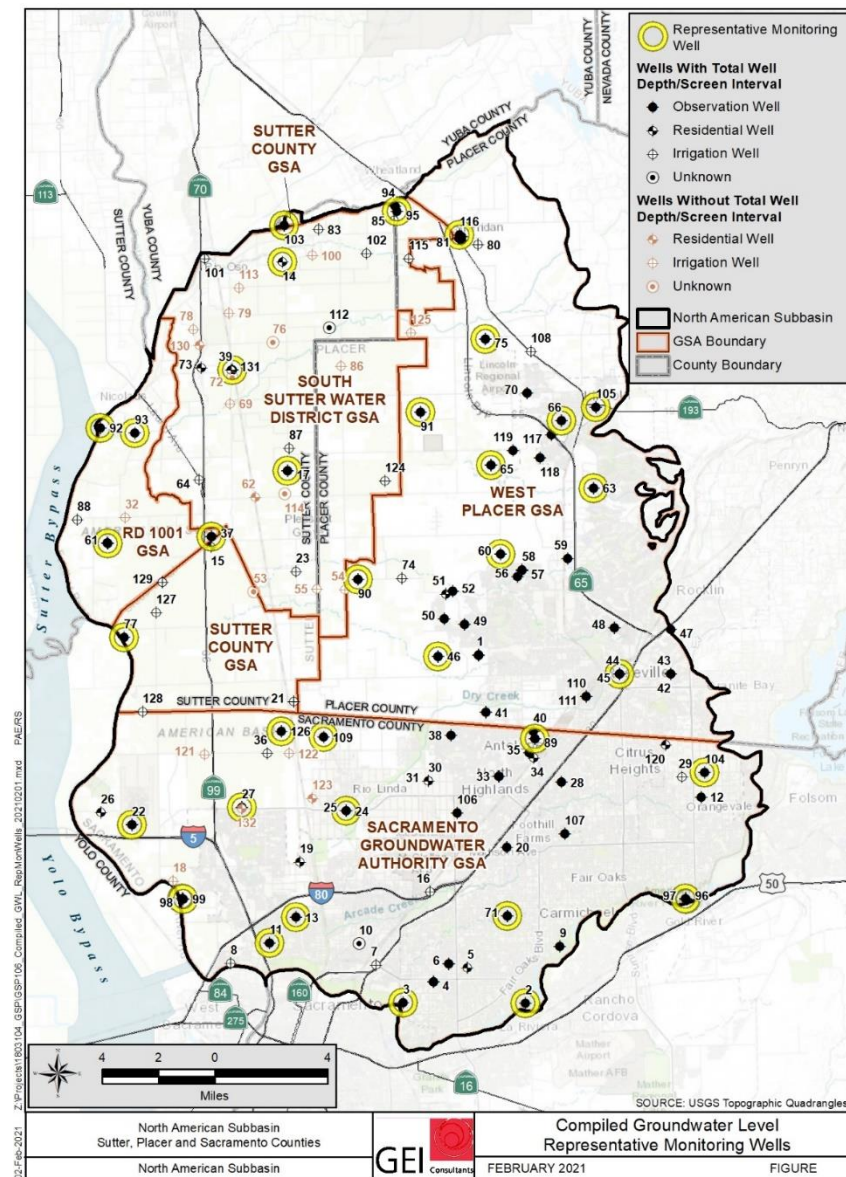


Implementing SGMA (continued)



After GSP adoption:

- Fill any identified or potential data gaps
 - Monitoring well spacing
 - Groundwater dependent ecosystems (GDEs) and surface water depletion
- Implement projects and management actions
 - Conjunctive Use (Water Bank)
 - Water Accounting Framework
- Five-year updates to GSP



Current and Potential Staffing



Current Staffing

0.5 FTE Executive Director

0.5 FTE Finance and Administrative Services Manager

0.5 FTE Executive Assistant

0.2 FTE Project Research Assistant

0.1 FTE Regulatory/Legislative Manager

0.5 FTE Manager of Technical Services

0.5 FTE Retired Annuitant

2.8 FTE Staff (1.5 Administrative Staff/1.3 Technical Staff)

Potential Staffing

0.5 FTE Executive Director

0.5 FTE Finance and Administrative Services Manager

0.5 FTE Executive Assistant

0.2 FTE Project Research Assistant

0.1 FTE Regulatory/Legislative Manager

0.5 FTE Manager of Technical Services

1.0 FTE Associate Project Manager

3.3 FTE Staff (1.5 Administrative Staff/1.8 Technical Staff)

- Existing plus additional workload under SGMA justifies the need
- Staff believes there is a full-time and permanent need for a full-time position. As a public agency, it is not appropriate to use a Temporary Retired Annuitant or a Consultant in this role
- Local knowledge and expertise results in more efficient and effective management of the SGA area into the future

Questions



Discussion

