

A GSA must be formally established by June 30, 2017. The GSA will have enforcement authority over their designated portion of the basin. There are three options for preparing a GSP and forming a GSA, as follows:

- A single GSP covering the entire basin developed and implemented by one GSA.
- A single GSP covering the entire basin developed and implemented by multiple GSAs.
- Multiple GSPs implemented by multiple GSAs and coordinated pursuant to a single coordination agreement that covers the entire basin.

The various agencies that are located in the North American Subbasin (5-21.64) have been in discussions to explore options for the organization of one or more GSA's. It is likely that the North American Subbasin (5-21.64) will have several GSAs and possibly several GSPs. SGA filed a notice with DWR on October, 20, 2015 that it intends to be the GSA for a portion of the North American Subbasin (5-21.64).

The SCGA is currently in discussions with other groundwater basin users of the South American Subbasin (5-21.65) to evaluate options for management of the basin.

### 6.3.3 Overdraft Conditions

As mentioned in the previous subsection, the North American Subbasin (5-21.64) and the South American Subbasin (5-21.65) are not on the draft list of critically overdrafted basins issued by DWR in July 2015.

According to the Water Forum Agreement, the long-term average annual groundwater pumping from the North Basin is limited to 131,000 ac-ft/yr and the Central Basin is limited to 273,000 ac-ft/yr. No specific annual groundwater pumping amount has been defined for SCWA in the Central Basin. In June 2010, the SGA developed Phase III of the Water Accounting Framework which established a combined sustainable pumping estimate of 4,288 ac-ft/yr for SCWA's Arden Park Vista and Northgate 880 systems (SGA, 2010). It is expected that the GSPs that will be developed for the North American Subbasin (5-21.64) and the South American Subbasin (5-21.65) will establish the safe yields.

### 6.3.4 Historical Groundwater Pumping

Table 6-2 presents the amount of groundwater pumping by SCWA that has occurred over the last five years.

**Table 6-2 (DWR Table 6-1) Retail and Wholesale: Groundwater Volume Pumped, ac-ft/yr**

Groundwater type	Location or basin name	2011	2012	2013	2014	2015
Alluvial basin	Sacramento Valley Groundwater Basin, North American Subbasin (5-21.64)	4,654	5,076	5,316	4,602	3,877
Alluvial basin	Sacramento Valley Groundwater Basin, South American Subbasin (5-21.65)	29,972	25,553	23,512	23,179	20,775
<b>Total</b>		<b>34,626</b>	<b>30,629</b>	<b>28,828</b>	<b>27,781</b>	<b>24,652</b>

Notes: Source of data is spreadsheet workbook file entitled "SCWA 2015 UWMP\_Connection and Consumption Data.xlsx" provided by Dan Gwaltney in email dated January 12, 2016.

Amounts include groundwater that was supplied to wholesale customers.

Groundwater remediation water not included because it was not pumped by SCWA.