

South American Subbasin Groundwater Sustainability Plan



South American **SUBBASIN**



1 **Section 6: References and Technical Studies**

- 2 Anderson, M. L., Chen, Z. Q., and Kavvas, M. L. (2004). "Modeling low flows on the Cosumnes
3 River." J. Hydrol. Eng., 9(2), 126–134.
4 [https://ascelibrary.org/doi/pdf/10.1061/%28ASCE%291084-
5 0699%282004%299%3A2%28126%29](https://ascelibrary.org/doi/pdf/10.1061/%28ASCE%291084-0699%282004%299%3A2%28126%29)
- 6 Ascent Environmental Inc. 2020, Harvest Water Program EcoPlan and Wintertime Application
7 Project, South Sacramento County Agriculture and Habitat Lands Recycled Water
8 Program, Environmental Impact Report, Addendum, Prepared for Sacramento Regional
9 County Sanitation District, Dec. 2020.
- 10 Berkstresser, C.F. 1973. *Base of fresh ground water approximately 3,000 micromhos in the*
11 *Sacramento Valley and Sacramento-San Joaquin Delta, California.*
- 12 California Data Exchange Center. 2020. *CDEC Station Locator*. Accessed June 28, 2020.
13 Available online at: <https://cdec.water.ca.gov/cdecstations>.
- 14 California Department of Pesticide Regulation. 2020. *Well Inventory Database*. Accessed June
15 24, 2020. Available online at:
16 [https://www.cdpr.ca.gov/docs/emon/grndwtr/well_inventory
17 database/index.htm](https://www.cdpr.ca.gov/docs/emon/grndwtr/well_inventory_database/index.htm).
- 18 California Department of Water Resources, 1964. Folsom-East Sacramento Ground Water
19 Quality Investigation. Bulletin 133. March.
- 20 California Department of Water Resources. 1974. Bulletin 118-3, *Evaluation of Groundwater*
21 *Resources: Sacramento County*. Sacramento, California. July.
- 22 California Department of Water Resources. 1978. *Bulletin 118-6, Evaluation of Groundwater*
23 *Resources: Sacramento Valley*. Sacramento, California. August.
- 24 California Department of Water Resources. 2003. *Bulletin 118—Update 2003, California’s*
25 *Groundwater*. Sacramento, California. October.
- 26 California Department of Water Resources. 2003. *Sacramento Valley Groundwater Basin South*
27 *American Subbasin*. Accessed June 24, 2020. Available online at: [https://water.ca.gov/-
28 /media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-
29 118/Files/2003-Basin-Descriptions/5_021_65_SouthAmericanSubbasin.pdf](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/2003-Basin-Descriptions/5_021_65_SouthAmericanSubbasin.pdf).
- 30 California Department of Water Resources. 2015. *Sacramento County Land Use Survey*.
31 Accessed June 27, 2020. Available online at:
32 <https://gis.water.ca.gov/app/CADWRLandUseViewer/>.
- 33 California Department of Water Resources. 2016a. *5-021.65 Sacramento Valley – South*
34 *American*. Accessed June 24, 2020. Available online at: [https://water.ca.gov/-
35 /media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-
36 118/Files/2016-Basin-Boundary-Descriptions/5_021_65_SouthAmerican.pdf](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/2016-Basin-Boundary-Descriptions/5_021_65_SouthAmerican.pdf).

- 37 California Department of Water Resources. 2016b. *2016 ACS 5-year estimates*. Accessed June
38 28, 2020. Available online at: [https://data.census.gov/cedsci/?g=0100000US&tid=](https://data.census.gov/cedsci/?g=0100000US&tid=ACSDP1Y2018.DP05)
39 [ACSDP1Y2018.DP05](https://data.census.gov/cedsci/?g=0100000US&tid=ACSDP1Y2018.DP05).
- 40 California Department of Water Resources. 2016c. *Best Management Practices for the*
41 *Sustainable Management of Groundwater Monitoring Protocols, Standards, and Sites*.
42 Accessed June 30, 2020. Available online at: [https://water.ca.gov/-/media/DWR-](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-1-Monitoring-Protocols-Standards-and-Sites_ay_19.pdf)
43 [Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-1-Monitoring-Protocols-Standards-and-Sites_ay_19.pdf)
44 [Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-1-](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-1-Monitoring-Protocols-Standards-and-Sites_ay_19.pdf)
45 [Monitoring-Protocols-Standards-and-Sites_ay_19.pdf](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-1-Monitoring-Protocols-Standards-and-Sites_ay_19.pdf).
- 46 California Department of Water Resources. 2017. *Sustainable Management Criteria Best*
47 *Management Practice*, dated November 2017, 38 pp.
- 48 California Department of Water Resources. 2019. *CASGEM Online System*. Accessed June 24,
49 2020. Available online at:
50 [https://www.casgem.water.ca.gov/OSS/\(S\(5jblgs3xtnmafb5rxov0q0hl\)\)](https://www.casgem.water.ca.gov/OSS/(S(5jblgs3xtnmafb5rxov0q0hl)))
51 [/Default.aspx?ReturnUrl=/oss](https://www.casgem.water.ca.gov/OSS/(S(5jblgs3xtnmafb5rxov0q0hl))/Default.aspx?ReturnUrl=/oss).
- 52 California Department of Water Resources. 2019. *Groundwater Sustainability Agency (GSA)*
53 *Frequently Asked Questions*. Accessed on July 29, 2020. Available online at:
54 [https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Groundwater-Sustainability-Agencies/Files/DWR-GSA-FAQ-Final-2019-05-10_ay_19.pdf)
55 [Management/Sustainable-Groundwater-Management/Groundwater-Sustainability-](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Groundwater-Sustainability-Agencies/Files/DWR-GSA-FAQ-Final-2019-05-10_ay_19.pdf)
56 [Agencies/Files/DWR-GSA-FAQ-Final-2019-05-10_ay_19.pdf](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Groundwater-Sustainability-Agencies/Files/DWR-GSA-FAQ-Final-2019-05-10_ay_19.pdf).
- 57 California Department of Water Resources. 2020. *California Online State Well Completion*
58 *Report Database*. Accessed December 1, 2020. Available at:
59 <https://data.cnra.ca.gov/dataset/well-completion-reports>.
- 60 California Department of Water Resources. 2020a. *Water Quality Data*. Accessed June 24,
61 2020. Available online at: <https://data.ca.gov/dataset/water-quality-data>.
- 62 California Department of Water Resources. 2020b. *Well Completion Reports*. Accessed June
63 27, 2020. Available online at: [https://water.ca.gov/Programs/Groundwater-](https://water.ca.gov/Programs/Groundwater-Management/Wells/Well-Completion-Reports)
64 [Management/Wells/Well-Completion-Reports](https://water.ca.gov/Programs/Groundwater-Management/Wells/Well-Completion-Reports).
- 65 California Department of Water Resources. 2020c. *Water Use Efficiency Data*. Accessed June
66 30, 2020. Available online at: <https://wuedata.water.ca.gov/>.
- 67 California Department of Water Resources. 2020d. *Urban Water Management Plans*. Accessed
68 June 29, 2020. Available online at: [https://water.ca.gov/Programs/Water-Use-And-](https://water.ca.gov/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency/Urban-Water-Management-Plans)
69 [Efficiency/Urban-Water-Use-Efficiency/Urban-Water-Management-Plans](https://water.ca.gov/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency/Urban-Water-Management-Plans).
- 70 California Department of Water Resources. 2020. *5-021.65 Sacramento Valley –*
71 *South American Basin Boundaries*. May.
- 72 California Natural Resources Agency. 2018. *NASA JPL InSAR Subsidence Data*. Accessed
73 June 25, 2020. Available online at: [https://data.cnra.ca.gov/dataset/nasa-jpl-insar-](https://data.cnra.ca.gov/dataset/nasa-jpl-insar-subsidence)
74 [subsidence](https://data.cnra.ca.gov/dataset/nasa-jpl-insar-subsidence).

- 75 California Natural Resources Agency. 2020a. *Continuous Groundwater Level Measurements*.
 76 Accessed June 24, 2020. Available online at:
 77 <https://data.cnra.ca.gov/dataset/continuous-groundwater-level-measurements>.
- 78 California Natural Resources Agency. 2020b. *Periodic Groundwater Level Measurements*.
 79 Accessed June 24, 2020. Available online at: [https://data.cnra.ca.gov/dataset/periodic-](https://data.cnra.ca.gov/dataset/periodic-groundwater-level-measurements)
 80 [groundwater-level-measurements](https://data.cnra.ca.gov/dataset/periodic-groundwater-level-measurements).
- 81 Central Sacramento County Groundwater Forum. 2006. *Central Sacramento County*
 82 *Groundwater Management Plan*. Accessed December 16, 2020.
 83 https://scgah2o.saccounty.net/documents/CSCGMP_final.pdf
- 84 Central Sacramento County Groundwater Forum. 2006. *Central Sacramento County*
 85 *Groundwater Management Plan - Appendices*. Accessed December 16, 2020.
 86 https://scgah2o.saccounty.net/documents/CSCGMP_Appendices_all.pdf
- 87 Central Valley Regional Water Quality Control Board. nd. *Irrigated Lands Regulatory Program*
 88 *(ILRP)*. Accessed June 29, 2020. Available online at:
 89 https://www.waterboards.ca.gov/rwqcb5/water_issues/irrigated_lands/.
- 90 Central Valley Salinity Alternatives for Long-Term Sustainability Initiative. 2016. *Central Valley*
 91 *Salt and Nitrate Management Plan*. Accessed June 25, 2020. Available online at:
 92 <https://www.cvsalinity.org/docs/central-valley-snpm/final-snpm.html>.
- 93 Central Valley Salinity Coalition. 2020. *Central Valley Salinity Alternatives for Long-Term*
 94 *Sustainability (CV-SALTS)*. Accessed June 29, 2020. Available online at:
 95 <https://www.cvsalinity.org/>.
- 96 Central Valley Water Regional Water Quality Control Board. 2018. *The Water Quality Control*
 97 *Plan (Basin Plan) for the California Regional Water Quality Control Board Central Valley*
 98 *Region, The Sacramento Basin and San Joaquin River Basin*. Accessed June 22, 2020.
 99 Available online at: [https://www.waterboards.ca.gov/](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf)
 100 [centralvalley/water_issues/basin_plans/sacsjr_201805.pdf](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201805.pdf).
- 101 CH2M, 2016. Final Groundwater Quality Assessment Report. Prepared for the Central Valley
 102 Regional Water Quality Control Board on behalf of the Northern California Water
 103 Association, Sacramento Valley Water Quality Coalition. January 2016.
- 104 Cook, Benjamin I., Toby R. Ault, and Jason E. Smerdon. 2015. "Unprecedented 21st century
 105 drought risk in the American Southwest and Central Plains." *Science Advances* 1.1:
 106 e1400082.
- 107 Dawson, B.J., Bennett, G.L., V, and Belitz, Kenneth, 2018. Ground-Water Quality Data in the
 108 Southern Sacramento Valley, California, 2005—Results from the California GAMA
 109 Program. U.S. Geological Survey Data Series 285. Version 1.1, August 2018, 93 p.
- 110 Delta Stewardship Council. 2020. *The Delta Plan*. Accessed June 29, 2020. Available online at:
 111 <https://deltacouncil.ca.gov/delta-plan/>.

- 112 Diffenbaugh, Noah S., Deepti Singh, Justin S. Mankin, Daniel E. Horton, Daniel L. Swain,
113 Danielle Touma, Allison Charland et al. 2017. "Quantifying the influence of global
114 warming on unprecedented extreme climate events." *Proceedings of the National
115 Academy of Sciences* 114, no. 19: 4881-4886.
- 116 EKI Environment and Water, Inc. 2020. Groundwater Management and Safe Drinking Water in
117 the San Joaquin Valley: Analysis of Critically Over-drafted Basins' Groundwater
118 Sustainability Plans.
- 119 Elk Grove, City of. 2019. *General Plan*. Accessed June 29, 2020. Available online at:
120 [http://www.elkgrovecity.org/UserFiles/Servers/Server_109585/File/Departments/Plannin
g/Projects/General%20Plan/GPU/Amend_2019-12/GP_Complete_web_2019-12.pdf](http://www.elkgrovecity.org/UserFiles/Servers/Server_109585/File/Departments/Plannin
121 g/Projects/General%20Plan/GPU/Amend_2019-12/GP_Complete_web_2019-12.pdf).
- 122 Fleckenstein J, Anderson M, Fogg G, Mount J, (2004). Managing Surface Water-Groundwater
123 to Restore Fall Flows in the Cosumnes River. *Journal of Water Resources Planning and
124 Management* 130(4): 301-310. doi: 10.1061/(ASCE)0733-9496(2004)130:4(301)
- 125 Folsom, City of. 2018. *2035 General Plan*. Accessed June 29, 2020. Available online at:
126 https://www.folsom.ca.us/community/planning/general_plan/2035_general_plan.asp.
- 127 Franklin Drainage District. nd. *Franklin Drainage District GSA—Northern Delta GSA*. Accessed
128 June 27, 2020. Available online at: <https://sgma.water.ca.gov/portal/gsa/print/387>.
- 129 Gailey, R.M., Lund, J., and Medellín-Azuara., J. 2019. Domestic well reliability: evaluating
130 supply interruptions from groundwater overdraft, estimating costs and managing
131 economic externalities. *Hydrogeology Journal*, 27.4 1159-1182.
- 132 Groundwater Sustainability Plan Working Group (GSPWG). 2020. *Partnering Commitment and
133 Guiding Principles*. Accessed June 30, 2020. Available online at:
134 [http://www.sasbgroundwater.org/assets/pdf/SASb_Partnership_Committment_May_26
2020_Signed.pdf](http://www.sasbgroundwater.org/assets/pdf/SASb_Partnership_Committment_May_26
135 2020_Signed.pdf).
- 136 Hall, M., Babbitt, C., Saracino A., and Leake S. 2018 Addressing Regional Surface Water
137 Depletions in California: A Proposed Approach for Compliance with the Sustainable
138 Groundwater Management Act. *Environmental Defense Fund*.
- 139 Harter, T., K. Dzurella, G. Kourakos, A. Hollander, A. Bell, N. Santos, Q. Hart, A. King, J. Quinn,
140 G. Lampinen, D. Liptzin, T. Rosenstock, M. Zhang, G.S. Pettygrove, and T. Tomich.
141 2017. Nitrogen Fertilizer Loading to Groundwater in the Central Valley. Final Report to
142 the Fertilizer Research Education Program, Projects 11-0301 and 15-0454, California
143 Department of Food and Agriculture and University of California Davis, 333p.
- 144 Helley, E.J. and Harwood, D.S. 1985. *Geologic Map of the Late Cenozoic Deposits of the
145 Sacramento Valley and Northern Sierra Foothills*.
- 146 Hopkins, J. 1994. Explanation of the Texas Water Development Board groundwater level
147 monitoring program and water-level measuring manual: UM-52, 53 p.
148 <http://www.twdb.texas.gov/groundwater/docs/UMs/UM-52.pdf>.

- 149 Lobell, David B., Angela Torney, and Christopher B. Field. 2011. "Climate extremes in California
150 agriculture." *Climatic change* 109.1: 355-363.
- 151 Marchand, D.E. and Allwardt, A. 1981. *Late Cenozoic Stratigraphic Units, Northeastern San*
152 *Joaquin Valley, California.*
- 153 Mount, JF., Fogg G., Kavvas L., Fleckenstein J., Anderson M., Chen Z Q., & Suzuki E. 2001.
154 Linked Surface Water-Groundwater Model for the Cosumnes River Watershed:
155 Hydrologic Evaluation of Management Options to Restore Fall Flows. U.S. Fish and
156 Wildlife Service Anadromous Fish Restoration Program.
157 <http://watershed.ucdavis.edu/pdf/Mount-et-al-USFWS-2007.pdf>
- 158 MWH Global Inc., Water Forum, and Sacramento County Water Agency (SCWA). 2006. *Central*
159 *Sacramento County Groundwater Management Plan.* Accessed June 22, 2020.
160 Available online at: https://scgah2o.saccounty.net/documents/CSCGMP_final.pdf.
- 161 Natural Resources Conservation Service (NRCS). 2020. (n.d.) United States Department of
162 Agriculture. U.S. General Soil Map (STATSGO2). Available:
163 <https://sdmdataaccess.sc.egov.usda.gov>. Accessed: July 7.
- 164 Northern Delta Groundwater Sustainability Agency. nd. *Northern Delta Groundwater*
165 *Sustainability Agency* website. Accessed July 8, 2020. Available online at:
166 <https://www.ndgsa.org/>.
- 167 Olmsted, F.H. and Davis G.H. 1961. *Geologic Features and Ground-Water Storage Capacity of*
168 *the Sacramento Valley California.*
- 169 Omochumne-Hartnell Water District. 2019. *Resolution No. 2019/20-04.* Accessed July 8, 2020.
170 Available online at: [http://ohwd.org/ESW/Files/2019-20-](http://ohwd.org/ESW/Files/2019-20-4_request_for_SRCD_removal.pdf)
171 [4_request_for_SRCD_removal.pdf](http://ohwd.org/ESW/Files/2019-20-4_request_for_SRCD_removal.pdf).
- 172 Omochumne-Hartnell Water District. nd. *Omochumne-Hartnell Water District GSA – South*
173 *American.* Accessed June 27, 2020. Available online at:
174 <https://sgma.water.ca.gov/portal/gsa/print/156>.
- 175 Page, R.W. 1986. *Geology of Fresh Ground-Water Basin of the Central Valley, California, with*
176 *Texture Maps and Sections.*
- 177 Pauloo, R., Bostic, D., Monaco, A. and Hammond, K. 2021. GSA Well Failure: forecasting
178 domestic well failure in critical priority basins. Berkeley, California. Accessed March 14,
179 2021. Available at <https://www.gspdrywells.com>.
- 180 Pauloo, R., Fogg, G., Dahlke, H., Escriva-Bou, A., Fencl, A., and Guillon, H. 2020. Domestic
181 well vulnerability to drought duration and unsustainable groundwater management in
182 California's Central Valley. *Environmental Research Letters*, 15.4 044010.
- 183 Puls, R. W., Barcelona, M. J., & Environmental Protection Agency. 1996. Low-Flow (Minimal
184 Drawdown) Groundwater Sampling Procedures. In EPA Ground Water Issue.

- 185 Rancho Cordova, City of. 2006. *General Plan*. Accessed June 29, 2020. Available online at:
186 <https://www.cityofranhocordova.org/home/showdocument?id=11075>.
- 187 Reclamation District 349. nd. *Reclamation District No. 349 GSA – Northern Delta GSA*.
188 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/385>.
- 189 Reclamation District 369. nd. *Reclamation District No. 369 GSA – Northern Delta GSA*.
190 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/378>.
- 191 Reclamation District 501. nd. *Reclamation District No. 501 GSA – Northern Delta GSA*.
192 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/384>.
- 193 Reclamation District 551. nd. *Reclamation District No. 551 GSA*. Accessed June 24, 2020.
194 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/366>.
- 195 Reclamation District 744. nd. *Reclamation District No. 744 GSA – Northern Delta GSA*.
196 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/376>.
- 197 Reclamation District 755. nd. *Reclamation District No. 755 GSA – Northern Delta GSA*.
198 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/375>.
- 199 Reclamation District 813. nd. *Reclamation District No. 813 GSA – Northern Delta GSA*.
200 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/377>.
- 201 Reclamation District 1002. nd. *Reclamation District No. 1002 GSA – Northern Delta GSA*.
202 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/373>.
- 203 Reclamation District 2110. nd. *Reclamation District No. 2110 GSA – Northern Delta GSA*.
204 Available online at: <https://sgma.water.ca.gov/portal/gsa/print/364>.
- 205 Rice, E. W., Bridgewater, L., & American Public Health Association. 2012. Standard methods for
206 the examination of water and wastewater. American Water Works Association & Water
207 Environment Federation.
- 208 RMC Water and Environment. Draft SCGA Basin Management Report, 2013-2014.
209 Unpublished.
- 210 RMC Water and Environment. 2011. *Sacramento Integrated Water Resources Model*
211 *(SaciWRM) Model Development and Baseline Scenarios*. October.
- 212 RMC Water and Environment. 2014. SCGA Basin Management Report, 2011-2012. In
213 association with Davids Engineering. August.
- 214 RMC Water and Environment. 2015. *Sacramento Central Groundwater Authority Recharge*
215 *Mapping and Field Study Technical Memorandum*. December 16.
- 216 Sacramento Central Groundwater Authority (SCGA). 2006. *Central Sacramento County*
217 *Groundwater Management Plan*. February.
- 218 Sacramento Central Groundwater Authority. Basin Management Report 2007-2008.

- 219 Sacramento Central Groundwater Authority. Basin Management Report 2009-2010.
- 220 Sacramento Central Groundwater Authority (SCGA). 2012. *Sacramento Central Groundwater*
221 *Authority Groundwater Elevation Monitoring Plan*. February.
- 222 Sacramento Central Groundwater Authority. [YEAR]. *South American Subbasin MOU*.
- 223 Sacramento Central Groundwater Authority. 2012. *Sacramento Central Groundwater Authority*
224 *Groundwater Elevation Monitoring Plan*. Accessed June 24, 2020. Available online at:
225 <https://scgah2o.saccounty.net/documents/SCGA%20CASGEM%20PLAN.pdf>.
- 226 Sacramento Central Groundwater Authority (SCGA). 2016. *Basin Management Report 2013 -*
227 *2014*. September.
- 228 Sacramento Central Groundwater Authority. 2016. *South American Subbasin Alternative*
229 *Submittal*. Accessed June 22, 2002. Available online at:
230 [https://scgah2o.saccounty.net/Pages/South-American-Subbasin-Alternative-](https://scgah2o.saccounty.net/Pages/South-American-Subbasin-Alternative-Submittal.aspx)
231 [Submittal.aspx](https://scgah2o.saccounty.net/Pages/South-American-Subbasin-Alternative-Submittal.aspx).
- 232 Sacramento Central Groundwater Authority. 2020. *2018 SGMA Annual Report South American*
233 *Subbasin (5-021.65)*. Accessed June 22, 2020. Available online at:
234 [https://scgah2o.saccounty.net/Documents/2018%20SCGA%20Annual%20Report%20So](https://scgah2o.saccounty.net/Documents/2018%20SCGA%20Annual%20Report%20South%20American%20Subbasin%205-021.65_20180329.pdf)
235 [uth%20American%20Subbasin%205-021.65_20180329.pdf](https://scgah2o.saccounty.net/Documents/2018%20SCGA%20Annual%20Report%20South%20American%20Subbasin%205-021.65_20180329.pdf).
- 236 Sacramento Groundwater Authority GSA. 2020. Draft North American Subbasin Groundwater
237 Sustainability Plan, Section 5, Groundwater Conditions. Accessed December 16, 2020.
238 Available online at: <https://nasbgroundwater.org/chapters-comment/>
- 239 Sacramento Central Groundwater Authority. nd. *Sacramento Central Groundwater Authority*
240 *GSA Notice of Formation*. Accessed June 11, 2020. Available online at:
241 <https://sgma.water.ca.gov/portal/gsa/print/147>.
- 242 Sacramento, City of, Department of Utilities. 2013. *Water Conservation Plan*. Accessed
243 June 29, 2020. Available online at: [https://www.cityofsacramento.org/-](https://www.cityofsacramento.org/-/media/Corporate/Files/DOU/Reports/Water_Consevation-Plan-City_of_Sac-Final.pdf?la=en)
244 [/media/Corporate/Files/DOU/Reports/Water_Consevation-Plan-City_of Sac-](https://www.cityofsacramento.org/-/media/Corporate/Files/DOU/Reports/Water_Consevation-Plan-City_of_Sac-Final.pdf?la=en)
245 [Final.pdf?la=en](https://www.cityofsacramento.org/-/media/Corporate/Files/DOU/Reports/Water_Consevation-Plan-City_of_Sac-Final.pdf?la=en).
- 246 Sacramento, City of. 2015. *2035 General Plan*. Accessed June 29, 2020. Available online at:
247 [https://www.cityofsacramento.org/Community-Development/Resources/Online-](https://www.cityofsacramento.org/Community-Development/Resources/Online-Library/2035--General-Plan)
248 [Library/2035--General-Plan](https://www.cityofsacramento.org/Community-Development/Resources/Online-Library/2035--General-Plan).
- 249 Sacramento County Board of Supervisors. 1978. *South Sacramento Area Community Plan*.
250 Accessed June 29, 2020. Available online at:
251 [https://planning.saccounty.net/LandUseRegulationDocuments/](https://planning.saccounty.net/LandUseRegulationDocuments/Documents/Community%20Plans/South%20Sacramento%20Community%20Plan.pdf)
252 [Documents/Community%20Plans/South%20Sacramento%20Community%20Plan.pdf](https://planning.saccounty.net/LandUseRegulationDocuments/Documents/Community%20Plans/South%20Sacramento%20Community%20Plan.pdf).
- 253 Sacramento County Board of Supervisors. 1983. *Delta Community Area Plan*. Accessed
254 June 29, 2020. Available online at:
255 [https://planning.saccounty.net/LandUseRegulationDocuments/](https://planning.saccounty.net/LandUseRegulationDocuments/Documents/Community%20Plans/Delta%20Community%20Plan.pdf)
256 [Documents/Community%20Plans/Delta%20Community%20Plan.pdf](https://planning.saccounty.net/LandUseRegulationDocuments/Documents/Community%20Plans/Delta%20Community%20Plan.pdf).

- 294 Sacramento County Water Agency (SCWA), 2021. Draft Zone 40 Water Supply Master Plan
295 Amendment. Prepared by Brown and Caldwell. January 13, 2021.
- 296 Sacramento Valley Water Quality Coalition. 2017. *Monitoring and Reporting Program Annual*
297 *Monitoring Report 2017*. Accessed June 26, 2020. Available online at:
298 https://www.svwqc.org/wp-content/uploads/2018/05/SVWQC_2017_AMR_2017.pdf.
- 299 Sloughhouse Resource Conservation District. nd. *Sloughhouse Resource Conservation District*
300 *GSA – South American 1*. Accessed June 25, 2020. Available online at:
301 <https://sgma.water.ca.gov/portal/gsa/print/153>.
- 302 Smith, R., Knight, R., and Fendorf, S. 2018. Overpumping leads to California groundwater
303 arsenic threat. *Nature communications*, 9(1), 1-6.
- 304 South American Subbasin Groundwater Sustainability Agency (SASb GSA). 2020. *South*
305 *American Groundwater Subbasin* website. Accessed June 21, 2020. Available online at:
306 <http://dev.woodardcurran.io/sasbgroundwater/index.html>.
- 307 State Water Resources Control Board. 2018. *GAMA Program - About*. Accessed June 24, 2020.
308 Available online at:
309 https://www.waterboards.ca.gov/water_issues/programs/gama/about.html.
- 310 State Water Resources Control Board. 2020. *GeoTracker*. Accessed June 24, 2020. Available
311 online at: <https://geotracker.waterboards.ca.gov/>.
- 312 State Water Resources Control Board. nd. *GAMA Groundwater Information System*. Accessed
313 June 24, 2020. Available online at: <https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/Default.asp>.
- 314
- 315 Tebaldi, C., Hayhoe, K., Arblaster, J. M., and Meehl, G. A. 2006. Going to the extremes.
316 *Climatic change*, 79(3), 185-211.
- 317 The Nature Conservancy, California. ICONS: Interconnected Surface Water in California's
318 Central Valley, Version 1.0.1. <https://icons.codefornature.org/>. March 2021.
- 319 University NAVSTAR Consortium. 2019. *PBO Network Monitoring*. Accessed January 3, 2019.
320 Available online at: <https://www.unavco.org/instrumentation/networks/status/pbo>.
- 321 United States Census Bureau. 1950. *1950 Census of Population, Preliminary Counts*. Accessed
322 online on February 3, 2021 at
323 <https://www2.census.gov/library/publications/decennial/1950/pc-03/pc-3-03.pdf>.
- 324 United States Census Bureau. 2020. *Annual Estimates of Resident Population: April 1, 2010 to*
325 *July 1, 2019: Metropolitan Statistical Area; and for Puerto Rico*. Accessed online on
326 February 3, 2021 at [https://www2.census.gov/programs-surveys/popest/tables/2010-](https://www2.census.gov/programs-surveys/popest/tables/2010-2019/metro/totals/cbsa-met-est2019-annres.xlsx)
327 [2019/metro/totals/cbsa-met-est2019-annres.xlsx](https://www2.census.gov/programs-surveys/popest/tables/2010-2019/metro/totals/cbsa-met-est2019-annres.xlsx).
- 328 United States Department of the Interior Bureau of Reclamation. 2005. *Lake Natoma*
329 *Temperature Curtain and Channel Modification Study, 2001 – 2002*. September.

- 330 United States Department of the Interior Bureau of Reclamation. 2006. *Auburn-Folsom South*
331 *Unit Central Valley Project, Project Description Review Technical Memorandum*. March.
- 332 United States Department of the Interior Bureau of Reclamation, Interior Region. 2020.
333 10 - American River Basin Study
- 334 United States Geological Survey. nd. *National Water Information System: Mapper*. Accessed
335 June 24, 2020. Available online at: <https://maps.waterdata.usgs.gov/mapper/index.html>.
- 336 United States Geological Survey, & New Hampshire Department of Environmental Services.
337 2000. Use of Passive Diffusion Samplers for Monitoring Volatile Organic Compounds in
338 Groundwater.
- 339 University of California, Davis Department of Agriculture and Natural Resources. 2020. Soil
340 Resource Lab. *Soil Agricultural Groundwater Banking Index (SAGBI)*. Available:
341 <https://casoilresource.lawr.ucdavis.edu/sagbi/>. Accessed July 7.
- 342 Water Forum. 2000. *Water Forum Agreement Updated October 2015*. Accessed June 29, 2020.
343 Available online at: [https://waterforum.org/wp-content/uploads/2014/08/Water-Forum-](https://waterforum.org/wp-content/uploads/2014/08/Water-Forum-Agreement-Update-2015-FINAL-FOR-PRINT2.pdf)
344 [Agreement-Update-2015-FINAL-FOR-PRINT2.pdf](https://waterforum.org/wp-content/uploads/2014/08/Water-Forum-Agreement-Update-2015-FINAL-FOR-PRINT2.pdf).
- 345 Water Forum. 2020. *Groundwater Management*. Accessed June 22, 2020. Available online at:
346 <https://www.waterforum.org/>.
- 347 Wilde, F. D. 2008. General Information and Guidelines: U.S. Geological Survey Techniques of
348 Water-Resources Investigations.

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