

REFERENCES

- Barlow, Paul M., and Stanley A. Leake. 2012. Streamflow Depletion by Wells – Understanding and Managing the Effects of Groundwater Pumping on Streamflow. U.S. Geological Circular 1376. 84 p. <https://pubs.usgs.gov/circ/1376/>.
- Boyce, Scott E., Randall T. Hanson, Ian Ferguson, Wolfgang Schmid, Wesley R. Henson, Thomas Reimann, Steffen W. Mehl, and Marisa M. Earll. 2020. One-Water Hydrologic Flow Model: A MODFLOW Based Conjunctive-Use Simulation Software. U.S. Geological Survey Techniques and Methods 6-A60. <https://pubs.er.usgs.gov/publication/tm6A60>.
- Brown and Caldwell. 2015. State of the Salinas River Groundwater Basin - Hydrology Report. Monterey County Water Resources Agency Water Reports. http://digitalcommons.csumb.edu/hornbeck_cgb_6_a/21.
- BLM (Bureau of Land Management). 2020. BLM National Surface Management Agency Area Polygons - National Geospatial Data Asset (NGDA). Updated April 16, 2020. <https://data.doi.gov/dataset/blm-national-surface-management-agency-area-polygons-national-geospatial-data-asset-ngda>.
- Burton, Carmen A., and Michael T. Wright. 2018. Status and Understanding of Groundwater Quality in the Monterey-Salinas Shallow Aquifer Study Unit, 2012–13: California GAMA Priority Basin Project. U.S. Geological Survey. Scientific Investigations Report 20185057. Prepared in cooperation with the California State Water Resources Control Board. 132 p.
- California Invasive Plant Council (Cal-IPC). 2011. Arundo donax: Distribution and Impact Report. Agreement No. 06-374-559-0. Submitted to State Water Resources Control Board. https://www.cal-ipc.org/wp-content/uploads/2017/11/Arundo_Distribution_Impact_Report_Cal-IPC_March-2011_small.pdf.
- Carpenter, E.J. and S. Cosby. 1925. Soil Survey of the Salinas Area, California. U.S. Department of Agriculture, Bureau of Chemistry and Soils. no. 11.
- CCWG (Central Coast Wetlands Group). 2026. Identification and Mapping of Groundwater-Dependent Ecosystems in the Forebay Aquifer Subbasin. Prepared for SVBGSA. Available at: <https://svbgsa.org/wp-content/uploads/2026/07/June-2026-Forebay-GDE-Memo-CCWG.pdf>.

- Central Coast Groundwater Coalition (CCGC). 2015. Northern Counties Groundwater Characterization: Salinas Valley, Pajaro Valley and Gilroy-Hollister Valley. Submitted to the Central Coast Regional Water Quality Control Board on June 1, 2015. Salinas, CA Prepared by Luhdorff & Scalmanini Consulting Engineers. 454 p.
- CCRWQCB (Central Coast Regional Water Quality Control Board). 2018. Groundwater Quality Conditions and Agricultural Discharges in the Central Coast Region. Staff Report for Regular Meeting of May 10-11, 2018.
- _____. 2019. Water Quality Control Plan for the Central Coast Basin. 595 p.
https://www.waterboards.ca.gov/centralcoast/publications_forms/publications/basin_plan/docs/2019_basin_plan_r3_complete_webaccess.pdf.
- _____. 2019. Water Quality Control Plan for the Central Coast Basin. 595 p.
https://www.waterboards.ca.gov/centralcoast/publications_forms/publications/basin_plan/docs/2019_basin_plan_r3_complete_webaccess.pdf
- _____. 2021. Proposed General Waste Discharge Requirements for Discharges from Irrigated Lands. Order R3-2021-0040.
https://www.waterboards.ca.gov/centralcoast/board_decisions/adopted_orders/2021/ao4_order.pdf
- _____. 2024. Irrigated Lands Program Data up to 2023. Received May 2024.
- City of Greenfield. 2026. 2025 Urban Water Management Plan. Prepared by Wallace Gorup in conjunction with City of Greenfield. Available at:
<https://www.greenfieldca.gov/DocumentCenter/View/6083/2025-UWMP-2026-07-23-Greenfield--FINAL-DRAFT>.
- City of Soledad. 2026. 2025 Urban Water Management Plan.
- CNRA (California Natural Resources Agency). 2026. Climate Bond Disadvantaged Communities Map. Accessed June 2026. Available at:
<https://experience.arcgis.com/experience/aa723fdf521a44c9a428f1a46cd38a09>
- Department of Toxic Substances Control (DTSC). 2020. Envirostor Website. Accessed June 27, 2020. <https://www.envirostor.dtsc.ca.gov/public/>.
- Department of Water Resources (DWR). 2003. California's Ground Water. Bulletin 118. Update 2003.
- _____. 2004a. Bulletin 118 Interim Update 2004; Salinas Valley Groundwater Basin, Forebay Aquifer Subbasin.
<https://water.ca.gov/LegacyFiles/groundwater/bulletin118/basindescriptions/3-04.04.pdf>.

- _____. 2004b. Bulletin 118 Interim Update 2004; Salinas Valley Groundwater Basin, 180/400 Foot Aquifer Subbasin. https://water.ca.gov/LegacyFiles/pubs/groundwater/bulletin_118/basindescriptions/3-4.01.pdf.
- _____. 2004c. Bulletin 118 Interim Update 2004; Salinas Valley Groundwater Basin, Eastside Aquifer Subbasin. https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/2003-Basin-Descriptions/3_004_02_EastsideAquiferSubbasin.pdf.
- _____. 2016a. California's Groundwater. Bulletin 118 Interim Update 2016. <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/B118-Interim-Update-2016.pdf>.
- _____. 2016b. Monitoring Networks and Identification of Data Gaps Best Management Practices. https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-2-Monitoring-Networks-and-Identification-of-Data-Gaps_ay_19.pdf.
- _____. 2017. Sustainable Management Criteria Best Management Practices. https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-6-Sustainable-Management-Criteria-DRAFT_ay_19.pdf.
- _____. 2018. Guidance for Climate Change Data During Groundwater Sustainability Plan Development. 101 p. https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/Resource-Guide-Climate-Change-Guidance_v8_ay_19.pdf.
- _____. 2019. Email sent by Benjamin Brezing (DWR) on May 30, 2019. Subject: Error bounds on subsidence raster.
- _____. 2020a. Well Completion Report Map Application. Accessed April 2020. <https://www.arcgis.com/apps/webappviewer/index.html?id=181078580a214c0986e2da28f8623b37>.
- _____. 2020b. Natural Communities Commonly Associated with Groundwater (NCCAG) – GIS Data Set. Data queried and downloaded from California Department of Water Resources GIS Map Server on 4/29/2020. <https://gis.water.ca.gov/app/ncdatasetviewer/sitedocs/>.

- _____. 2020c. SGMA Data Viewer Map Application. Accessed July 2020.
<https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer>.
- _____. 2020d. Handbook for Water Budget Development With or Without Models. 446 p.
<https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Data-and-Tools/Files/Water-Budget-Handbook.pdf?la=en&hash=30AD0DFD02468603F21C1038E6CC6BFE32381233>.
- _____. 2026. Disadvantaged Communities Mapping Tool and Economically Distressed Areas Mapping Tool. Accessed June 2026. Available at: <https://gis.water.ca.gov/app/dacs/>.
- Durbin, Timothy J. 1974. Digital simulation of the effects of urbanization on runoff in the upper Santa Ana Valley, California. U.S. Geological Survey Water Resources Investigations. no.73-41. <https://pubs.usgs.gov/wri/1973/0041/report.pdf>.
- Durbin, Timothy J., G.W. Kappale and J.R. Freckleton. 1978. Two-Dimensional and Three-Dimensional Digital Flow Models of the Salinas Valley Ground-Water Basin, California. U.S. Geological Survey. Water Resources Investigations Report 78-113. Prepared in cooperation with the U.S. Army Corps of Engineers. 134 p.
- Durham, D.L., Addicott, W. O. 1965. Pancho Rico Formation, Salinas Valley, California. U.S. Geological Survey Professional Paper 524-A, 1965, 38p.
- Environmental Defense Fund (EDF). 2018. Addressing Regional Surface Water Depletions in California, A Proposed Approach for Compliance with the Sustainable Groundwater Management Act. 12 p.
- ERA Economics. 2026a. SVBGSA Economic Impacts of Demand Management. Prepared for SVBGSA. Available at: <https://svbgsa.org/wp-content/uploads/2026/04/DM-Economic-Analysis-Rev-2026-03-31.pdf>
- _____. 2026b. Draft SVBGSA Integrated Implementation Strategy Portfolios Funding Strategy. Prepared for SVBGSA. Available at: https://granicus-aasmp-peak-files.s3.amazonaws.com/uploads/attachment/pdf/4298852/6.2_Draft_Funding_Strategy_Report_2026-08-12.pdf?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIATHOFOHMMEOCNXD2W%2F20260918%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20260918T180138Z&X-Amz-Expires=3600&X-Amz-SignedHeaders=host&X-Amz-Signature=a353e38b22ccad2bda1db3a5db27d3d394bba1b6e730c1c9e281b35e5104da6a
- Federal Emergency Management Agency (FEMA). No date. Lowest Floor Elevation, Home Builder's Guide to Coastal Construction. Technical Fact Sheet No. 4. Accessed online at http://flash.org/resources/files/HGCC_Fact04.pdf.

- Forebay Implementation Agreement, 2021. Forebay Subbasin Groundwater Sustainability Plan Implementation Agreement between the SVBGSA and the Arroyo Seco Groundwater Sustainability Agency. April.
- Fugro West, Inc., ETIC Engineering, Inc., Cleath Associates. 2005. *Final Report - Paso Robles Groundwater Basin Study Phase II, Numerical Model Development, Calibration, and Application*. Prepared for County of San Luis Obispo Public Works Department, February 2005. 162 p.
- Greater Monterey County Integrated Regional Water Management Group (RWMG). 2018. Greater Monterey County Integrated Regional Water Management Plan. <http://www.greatermontereyirwmp.org/documents/plan/>.
- Greene, H.G. 1970. Geology of Southern Monterey Bay and Its Relationship to the Ground Water Basin and Salt Water Intrusion. U.S. Geological Survey Open-File Report 70-141, 51p.
- Greene, H.G. 1977. Geology of the Monterey Bay Region, California. U.S. Geological Survey Open-File Report 77-718.
- Harding ESE. 2001. Hydrogeologic Investigation of the Salinas Valley Basin in the Vicinity of Fort Ord and Marina, Salinas Valley, California, prepared for Monterey County Water Resources Agency. 12 April. 166p.
- Harris & Associates. 2020. Urban Water Management Plan; Prepared for City of Soledad. September 27, 2021. <https://www.cityofsoledad.com/download/urban-water-management-plan-2020-final-draft/>.
- Heath, R.C. 1976. "Design of ground-water level observation-well programs." Ground Water: V. 14, no. 2, p. 71-77.
- Hopkins, J., and B. Anderson. 2016. A Field Manual for Groundwater-level Monitoring at the Texas Water Development Board. User Manual 52, 26 p. <https://www.twdb.texas.gov/groundwater/docs/UMs/UM-52.pdf>.
- Howard, J. 1992. *Quercus lobata*. In: Fire Effects Information System. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory. Available: <https://www.fs.fed.us/database/feis/plants/tree/quelob/all.html>
- Hunt, J. W., Robinson, S.M., Clark, R.P., Endris, C.A., Gregory, J.N., Hammerstrom, K.K., Null, K.A., and O'Connor, K.C. 2019. Storm Water Resource Plan for the Greater Monterey County Integrated Regional Water Management Region. California State Water Resources Control Board. 288 pp. http://www.greatermontereyirwmp.org/wp-content/uploads/2019/08/Greater-Monterey-County-SWRP_Final-Plan_2019_06_27-low-res-v2-Aug-2019.pdf.

- HydroFocus, Inc. 2014. Distribution of Groundwater Nitrate Concentrations, Salinas Valley, California. 30 April. 42p.
- Jennings, C.W., with modifications by C. Gutierrez, W. Bryant, G. Saucedo, and C. Wills, 2010. Geologic map of California: California Geological Survey, Geologic Data Map No. 2, scale 1:750,000. https://www.conservation.ca.gov/cgs/Pages/Program-RGMP/2010_geologicmap.aspx.
- Kennedy-Jenks. 2004. Hydrostratigraphic Analysis of the Northern Salinas Valley. Prepared for Monterey County Water Resources Agency. 14 May, 113p.
- Kulongoski, Justin T. and Kenneth Belitz. 2005. Ground-Water Quality Data in the Monterey Bay and Salinas Valley Basins, California, 2005 - Results from the California GAMA Program. U.S. Geological Survey. Scientific Investigations Report 2011-5058. Prepared in in cooperation with the California State Water Resources Control Board. 98p.
- Melton, F. and M. Hang. 2021. Remote Sensing of Evapotranspiration from Arundo donax in the Salinas River Channel. Prepared for the Resources District of Monterey County by California State University Monterey Bay & NASA Ames Research Center, Cooperative for Research in Earth Science Technology. March 31, 2021.
- Mittelbach, H., Casini, F., Lehner, I., Teuling, A., & Seneviratne, S. 2011. Soil moisture monitoring for climate research: Evaluation of a low-cost sensor in the framework of the Swiss Soil Moisture Experiment (SwissSMEX) campaign. Journal of Geophysical Research. 116. 11. 10.1029/2010JD014907. <https://agupubs.onlinelibrary.wiley.com/doi/pdf/10.1029/2010JD014907>.
- Monterey County Agricultural Commissioner. 2025. 2025 County of Monterey Crop & Livestock Report. Accessed August 10, 2026. <https://www.countyofmonterey.gov/home/showpublisheddocument/146824/639185832863130000>
- Monterey County Housing and Community Development. 2010. Monterey County General Plan, Chapter 5. <https://www.co.monterey.ca.us/home/showpublisheddocument/45810/636389938521570000>.
- MCWRA (Monterey County Water Resources Agency). 2006. Monterey County Groundwater Management Plan. 2006.
- _____. 2015. CASGEM Monitoring Plan for High and Medium Priority Basins in the Salinas Valley Groundwater Basin.
- _____. 2016. Salinas River Stream Maintenance Program Permit Application Supplemental Attachment. 229 p.

- _____. 2018. Nacimiento Dam Operation Policy.
<https://www.co.monterey.ca.us/Home/ShowDocument?id=63151>
- _____. 2019a. 2019 Quarterly Salinas Valley Water Conditions Report.
<https://www.co.monterey.ca.us/home/showpublisheddocument/83768/637074353956330000>.
- _____. 2019b. Salinas River Long-Term Management Plan.
http://www.salinaserivermanagementprogram.org/ltmp_doc.html.
- _____. 2023. Interlake Tunnel Draft Environmental Impact Report. Available at:
<https://www.countyofmonterey.gov/government/government-links/water-resources-agency/projects-facilities/interlake-tunnel>.
- Montgomery & Associates. 2004. Salinas Valley Deep Aquifers Study. Prepared for SVBGSA.
https://svbgsa.org/wp-content/uploads/2024/05/Deep-Aquifers-Study-Report_no-appendices_compressed.pdf.
- _____. 2025a. Forebay Subbasin HCM Update: Data, Methods, and Findings. Available at:
https://svbgsa.org/wp-content/uploads/2025/12/Forebay_HCM_Updates_2025-03-20.pdf.
- _____. 2025b. Update to the Salinas Valley Integrated Hydrologic and Operational Models. Prepared for Salinas Valley Groundwater Basin Sustainability Agency. October 2025. Available at: <https://svbgsa.org/wp-content/uploads/2025/11/SVIHM-2025-Update-Report.pdf>.
- _____. 2026a. Groundwater Quality Trend Correlation Analysis in the Forebay Subbasin. Technical Memorandum prepared for SVBGSA.
- _____. 2026b Salinas Valley Operational Model Update and Projected Baseline Simulation. Technical Memorandum prepared for SVBGSA. March 6, 2026. Available at:
<https://svbgsa.org/wp-content/uploads/2026/04/SVOM-Update-and-Projected-Baseline-Simulation.pdf>.
- _____. 2026c Analysis of Potential Recharge from the Salinas River Projects. Technical Memorandum prepared for SVBGSA. March 31, 2026.
- Moran, Tara, and Alletta Belin. 2019. “A Guide to Water Quality Requirements Under the Sustainable Groundwater Management Act.” Stanford Water in the West. Available at
<https://stacks.stanford.edu/file/druid:dw122nb4780/A%20Guide%20to%20Water%20Quality%20Requirements%20under%20SGMA.pdf>.

O’Geen, A.T., M.B.B. Saal, H. Dahlke, D. Doll, R. Elkins, A. Fulton, G. Fogg, T. Harter, J.W. Hopmans, C. Ingels, F. Niederholzer, S. Sandoval Solis, P. Verdegaal and M. Walkinshaw. 2015. “Soil suitability index identifies potential areas for groundwater banking on agricultural lands.” *California Agriculture* 69:75-84.

Protecting Our Water and Environmental Resources v. County of Stanislaus. 2020. 10 Cal. 5th 479. Available at: <https://law.justia.com/cases/california/supreme-court/2020/s251709.html>.

Rivas, T. 2006. Erosion Control Treatment Selection Guide. U.S. Forest Service National Technology & Development Program: 7700 Transportation Management. United States Department of Agriculture. 0677 1203—SDTDC. December 2006. https://www.fs.fed.us/t-d/pubs/pdf/hi_res/06771203hi.pdf.

Rosenberg, Lewis I. 2001. Digital Geologic Map of Monterey County, California, 1934-2001. Monterey County (Calif.) Planning Department. <http://purl.stanford.edu/cm427jp1187>.

Sophocleous, M. 1983. “Groundwater observation network design for the Kansas groundwater management districts, USA.” *Journal of Hydrology*, 61: 371-389.

Staal, Gardner & Dunne, Inc. 1994. Hydrogeologic Investigation- Arroyo Seco Cone, Prepared for Monterey County Water Resources Agency. April 1994. 198p.

State Water Resources Control Board (SWRCB). 2020a. GeoTracker Website. Accessed June 27, 2020. <https://geotracker.waterboards.ca.gov/>.

_____. 2020b. Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System Website. Accessed June 27, 2020. <https://gamagroundwater.waterboards.ca.gov/gama/datadownload>.

SWRCB (State Water Resources Control Board). 2020. Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System Website. Accessed June 27, 2020.

_____. 2024. Electronic Water Rights Information Management System (eWRIMS). Accessed January 27, 2024. <https://ciwqs.waterboards.ca.gov/ciwqs/ewrims/reportingDiversionDownloadPublicSetup.do>

_____. 2026a. GeoTracker Website. Accessed August 11, 2026. <https://geotracker.waterboards.ca.gov/>.

_____. 2026b. California Water Accounting, Tracking, and Reporting System (CalWATRS). Accessed January 27, 2026. <https://calwatrs.waterboards.ca.gov/portal/s/search-information>.

- Taylor, E.M., and D.S. Sweetkind, 2014, Quaternary geologic map of the north-central part of the Salinas River Valley and Arroyo Seco, Monterey County, California: U.S. Geological Survey Scientific Investigations Map 3260, 13 p., 2 sheets, scales 1:24,000 and 1:50,000, <http://dx.doi.org/10.3133/sim3260>.
- Taylor, E.M., D.S. Sweetkind, and J.C. Havens. 2017. Investigating the landscape of Arroyo Seco- Decoding the past- A teaching guide to climate-controlled landscape evolution in a tectonically active region. U. S. Geological Survey Circular 1425. Version: 1.1. September 2017. 45p. <https://doi.org/10.3133/c1425>.
- Thorne, J., D. Cameron, and V. Jigour. 2002. A guide to wildlands conservation in the central region of California. California Wilderness Coalition, Davis. <https://escholarship.org/uc/item/41m0z72f>.
- Thorup, R.R. 1976. Report on Castroville Irrigation Project Deep Test Hole and Freshwater Bearing Strata Below the Pressure 400-Foot Aquifer, Salinas Valley, California.
- U.S. Census Bureau. 2018. TIGER/Line Geodatabases. Accessed December 2018. <https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-geodatabase-file.html>.
- U.S. Department of Agriculture, Natural Resources Conservation Service. 2018. National Soil Survey Handbook. Title 430-VI. Accessed September 30, 2019. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/ref/?cid=nrcs142p2_054242.
- U.S. Fish and Wildlife Service (USFWS). 2017. Critical Habitat: What is it? https://www.fws.gov/endangered/esa-library/pdf/critical_habitat.pdf.
- U.S. Geological Survey. 2026. Valley Integrated Hydrologic and Reservoir Operations Models, Monterey and San Luis Obispo Counties, California. Prepared in cooperation with MCWRA, Monterey County, and the SVBGSA. Scientific Investigations Report 2026-5005. Available at: <https://pubs.usgs.gov/sir/2026/5005/sir20265005.pdf>.
- Wallace Group. 2016. City of Greenfield Potable Water Distribution System Master Plan. Prepared for the City of Greenfield. Accessed June 29, 2021. <https://ci.greenfield.ca.us/DocumentCenter/View/361/WaterMaster-Plan-PDF?bidId=>.
- Winter, T.C., J.W. Harvey, O.L. Franke, and W.M. Alley. 1999. Ground Water and Surface Water: A Single Resource. U.S. Geological Survey Circular 1139. Denver, CO.
- Wood Environment & Infrastructure Solutions, Inc. 2023. Salinas Valley Operation Model Report Interlake Tunnel and Spillway Modification Project Monterey County, California. Prepared for MCWRA. Available at: <https://www.countyofmonterey.gov/home/showpublisheddocument/119711/638120544302800000>.

WRIME, Inc. 2003. Deep Aquifer Investigation – Hydrogeologic Data Inventory, Review, Interpretation and Implications. Technical Memorandum.

Yates, Eugene B. 1988. Simulated Effects of Ground-Water Management Alternatives for the Salinas Valley, California. U.S. Geological Survey Water-Resources Investigations Report 87-4066.

Zefferman, E., and M. Barker. 2024. Salinas River Arundo Eradication Project Phase IV Analysis of Water Savings.