

## Section 7

### References

American Farmland Trust. 2010. *California Agricultural Vision: Strategies for Sustainability*. Report prepared for the California Department of Food and Agriculture and the State Board of Food and Agriculture. December 2010.

Bateman, P.C., L.K. Clark, N.K. Huber, J.G. Moore and C.D. Rinehart. 1963. *The Sierra Nevada Batholith – A Synthesis of Recent Work Across the Central Part*. U.S. Geological Survey Professional Paper 414-D. 46 p.

Buchwalter, D. 2014. *Aquatic Life Study Final Report*. Report prepared for CV-SALTS. January 6, 2014. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/water-quality-objective-reviews/2376-stock-drinking-water-final-report052013/file.html>

CDM Smith. 2013. *SSALTS Final Phase 1 Report: Identification and Characterization of Existing Salt Accumulation Areas*. Report prepared for CV-SALTS. December 13, 2013. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/implementation-planning/ssalt/3176-ssalts-phase-1-final-report-121313/file.html>

CDM Smith. 2014. *SSALTS Final Phase 2 Report: Development of Potential Salt Management Strategies*. Report prepared for CV-SALTS. October 1, 2014. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/implementation-planning/ssalt/3177-ssalts-phase2-report-20141001/file.html>.

CDM Smith. 2016a. *Nitrogen Implementation Measures Study Final Report*. Report prepared for CV-SALTS. March 31, 2016. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/implementation-planning/3275-20160331-nims-report-rev1/file.html>

CDM Smith. 2016b. *SSALTS Final Phase 3 Report: Evaluate Potential Salt Disposal Alternatives to Identify Acceptable Alternatives for Implementation*. Report prepared for CV-SALTS. October 2016. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/implementation-planning/ssalt/3633-final-phase-3-report-120616/file.html>

CDM Smith. 2016c. *Salinity Effects on Agricultural Irrigation-related Uses*. White paper prepared for CV-SALTS. December 2016. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/water-quality-objective-reviews/3619-cvsalts-final-agr-tech-memo-vers3-120116/file.html>

CDM Smith. 2016d. *Salinity Effects on MUN-related Uses*. White paper prepared for CV-SALTS. December 2016. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/water-quality-objective-reviews/3618-cvsalts-final-mun-tech-memo-120116/file.html>

- CDM Smith 2016e. *Surveillance and Monitoring Program*. Report prepared for CV-SALTS. December 2016. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/implementation-planning/3644-final-revised-samp-122016/file.html>
- Central Valley Regional Water Quality Control Board (Central Valley Water Board). 2006. *Salinity in the Central Valley: An Overview*. Central Valley Regional Water Quality Control Board. May 2006. [http://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/centralvalley\\_salinity\\_alter\\_natives\\_archives/initial\\_development/swrcb\\_02may06\\_ovrvw\\_rpt.pdf](http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/centralvalley_salinity_alter_natives_archives/initial_development/swrcb_02may06_ovrvw_rpt.pdf)
- Central Valley Water Board. 2010a. *Draft Groundwater Quality Protection Strategy: A “Roadmap” for the Central Valley Region*, Central Valley Regional Water Quality Control Board, August 2010 [http://www.waterboards.ca.gov/rwqcb5/water\\_issues/groundwater\\_quality/final\\_draft\\_gwq\\_strategy\\_rev.pdf](http://www.waterboards.ca.gov/rwqcb5/water_issues/groundwater_quality/final_draft_gwq_strategy_rev.pdf).
- Central Valley Water Board. 2010b. *Central Valley Water Quality Control Board. Region 5*, Brochure. 2010. [http://www.swrcb.ca.gov/centralvalley/about\\_us/cv\\_regional\\_bd\\_brochure.pdf](http://www.swrcb.ca.gov/centralvalley/about_us/cv_regional_bd_brochure.pdf).
- Central Valley Water Board. 2014. *Amendments to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins and the Water Quality Control Plan for the Tulare Lake Basin to Add Policies for Variances from Surface Water Quality Standards for Point Source Dischargers, Variance Program for Salinity, and Exception from Implementation of Water Quality Objectives for Salinity, Final Staff Report*. June. [http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/variances/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/variances/index.shtml).
- Central Valley Water Board. 2015. *Water Quality Control Plan for the Tulare Lake Basin*. Second Edition. Central Valley Water Board. Sacramento, CA (as amended, [http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/index.shtml)).
- Central Valley Water Board. 2016. *The Water Quality Control Plan (Basin Plan) for the Sacramento River and San Joaquin River Basins*. Fourth Edition. Central Valley Water Board. Sacramento, CA. July 2016 (as amended, [http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/index.shtml)).
- Delta Stewardship Council (DSC). 2013. *The Delta Plan*. Delta Stewardship Council. Sacramento, CA. Available at: <http://deltacouncil.ca.gov/delta-plan-0>
- Department of Water Resources, California (DWR). 2003. *California’s Groundwater*. DWR Bulletin 118. California Department of Water Resources. [http://www.water.ca.gov/pubs/groundwater/bulletin\\_118/california's\\_groundwater\\_bulletin\\_118\\_-\\_update\\_2003\\_/bulletin118\\_entire.pdf](http://www.water.ca.gov/pubs/groundwater/bulletin_118/california's_groundwater_bulletin_118_-_update_2003_/bulletin118_entire.pdf)
- DWR. 2012. *California Water Plan Update 2013*. Special Plenary Meeting, September 12, 2012
- DWR. 2013a. *California Water Plan – Volume 2: Regional Reports, Sacramento River Hydrologic Region*. Update 2013. California Department of Water Resources. Red Bluff, CA. Available at: <http://www.water.ca.gov/waterplan/cwpu2013/final/index.cfm>

- DWR. 2013b. *California Water Plan – Volume 2: Regional Reports, San Joaquin River Hydrologic Region*. Update 2013. California Department of Water Resources. Fresno, CA. Available at: <http://www.water.ca.gov/waterplan/cwpu2013/final/index.cfm>
- DWR. 2013c. *California Water Plan – Volume 2: Regional Reports, Tulare Lake Hydrologic Region*. Update 2013. California Department of Water Resources. Fresno, CA. Available at: <http://www.water.ca.gov/waterplan/cwpu2013/final/index.cfm>
- DWR, 2013d. *California Water Plan – Volume 3: Resource Management Strategies, Conveyance – Regional/Local*. Update 2013. Chapter 6. California Department of Water Resources. Sacramento, CA. Available at: <http://www.water.ca.gov/waterplan/cwpu2013/final/index.cfm>
- DWR, 2013e. *California Water Plan – Volume 3: Resource Management Strategies, Municipal Recycled Water*. Update 2013. Chapter 12. California Department of Water Resources. Sacramento, CA. Available at: <http://www.water.ca.gov/waterplan/cwpu2013/final/index.cfm>
- DWR. 2014. Bulletin 160-13, *California Water Plan Update 2013, Investing in Innovation and Infrastructure*. California Department of Water Resources. Sacramento, CA. October 2014.
- DWR. 2015. *California's Groundwater Update 2013: A Compilation of Enhanced Content for California Water Plan Update 2013*. California Department of Water Resources, Sacramento, CA. [http://www.water.ca.gov/waterplan/docs/groundwater/update2013/GWU2013 Findings-Recommendations\\_Final.pdf](http://www.water.ca.gov/waterplan/docs/groundwater/update2013/GWU2013_Findings-Recommendations_Final.pdf).
- Farrar, C.D. and G.L. Bertoldi. 1988. Region 4, Central Valley and Pacific Coast Ranges, in Back, W., J.S., Rosenshein, P.R., Seaber (editors). *Hydrogeology*. The Geological Society of North America. Boulder Colorado. 1988. *The Geology of North America*. V. O-2.
- Faunt, C.C. ed. 2009. *Groundwater Availability of the Central Valley Aquifer, California*. U.S. Geological Survey Professional Paper 1766, 225 p. [http://pubs.usgs.gov/pp/1766/PP\\_1766.pdf](http://pubs.usgs.gov/pp/1766/PP_1766.pdf)
- Harter, T. and J.R. Lund with J. Darby, G.E. Fogg, R. Howitt, K.K. Jessoe, G.S. Pettygrove, J.F. Quinn, J.H. Viers, D.B. Boyle, H.E. Canada, N. DeLaMora, K.N. Dzurella, A. Fryjoff- Hung, A.D. Hollander, K.L. Honeycutt, M.W. Jenkins, V.B. Jensen, A.M. King, G. Kourakos, D. Liptzin, E.M. Lopez, M.M. Mayzelle, A. McNally, J. Medellin-Azuara, and T.S. Rosenstock. 2012. *Addressing Nitrate in California's Drinking Water: Report to the California State Water Resources Control Board*. U.C. Davis Center for Watershed Sciences. January 2012. <http://groundwaternitrate.ucdavis.edu/files/138956.pdf>
- Howitt, R.E, J. Kaplan, D. Larson, D. MacEwan, J. Medellin-Azuara, G. Horner, N.S. Lee. 2009. *The Economic Impacts of Central Valley Salinity*. Final Report to the State Water Board; University of California Davis, March 20, 2009. [http://www.waterboards.ca.gov/rwqcb5/water\\_issues/salinity/library\\_reports\\_programs/econ\\_rpt\\_final.pdf](http://www.waterboards.ca.gov/rwqcb5/water_issues/salinity/library_reports_programs/econ_rpt_final.pdf).
- Jennings, C.W, R.G. Strand, and T.H. Rogers. 1977. *Geologic map of California*. California Department of Mines and Geology; scale 1:750,000. Updated version available at California

Department of Conservation:

[http://www.conservation.ca.gov/cgs/information/geologic\\_mapping](http://www.conservation.ca.gov/cgs/information/geologic_mapping)

Johnston, W.R., D.W. Westcot, and M. Delamore. 2012. *San Joaquin Valley, California: A Case Study. In Agricultural Salinity Assessment and Management*, Second Edition. W.W. Wallender and K. J. Tanji, (eds).

Journel, A.G., and Huijbregts, C. 1978. *Mining Geostatistics*. Academic Press, 600 p.

Kennedy/Jenks Consultants. 2013. *Salt and Nutrients: Literature Review for Stock Drinking Water Final Report*. Report prepared for CV-SALTS. May 20, 2013.

<http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/water-quality-objective-reviews/2376-stock-drinking-water-final-report052013/file.html>

King, A.M., D. Boyle, V. B. Jensen, G. E. Fogg, T. Harter. 2012. *Groundwater Remediation and Management for Nitrate*. Technical Report 5 in: Addressing Nitrate in California's Drinking Water with a Focus on Tulare Lake Basin and Salinas Valley Groundwater. Report for the State Water Resources Control Board Report to the Legislature. Center for Watershed Sciences, University of California, Davis. <http://groundwaternitrate.ucdavis.edu/files/139112.pdf>

Kretsinger V. and T.N. Narasimhan. 2006. California's Evolution Toward Integrated Regional Water Management: A Long-term View. *Hydrogeology Journal* 14:407-423.

<https://sustainability.water.ca.gov/documents/18/3334111/California%E2%80%99s+evolution+toward+integrated+regional+water.pdf>

Larry Walker Associates. 2012. *Memorandum: Technical Evaluation of a Variance Policy and Interim Salinity Program for the Central Valley Region*. December.

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/variances/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/variances/index.shtml)

Larry Walker Associates. 2016a. *Central Valley Salt and Nitrate Management Plan Economics Analysis*. Report prepared for CV-SALTS. October 2016.

<http://www.cvsalinity.org/index.php/docs/ceqa/ceqa-documents/3529-snpm-econ-analysis-draft-20160923/file.html>

Larry Walker Associates. 2016b. *Central Valley Salt and Nitrate Management Plan Antidegradation Analysis*. Report prepared for CV-SALTS. December 2016.

<http://www.cvsalinity.org/index.php/docs/ceqa/ceqa-documents/3646-rev-snpm-antideg-analysis-final-20161202/file.html>

Larry Walker Associates, Luhdorff and Scalmanini Consulting Engineers, Kennedy/Jenks Consultants, PlanTierra, Systech Water Resources, and Carollo Engineers. 2012. *Initial Conceptual Model - Task 3.3 & 3.4: Data Summary and Data Gaps*. Memorandum to CV-SALTS. December 18, 2012. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/conceptual-model-development/initial-conceptual-model-icm/2247-icm-task-3-data-summary-and-data-gaps-final-memorandum12182012/file.html>

Larry Walker Associates, Luhdorff & Scalmanini Consulting Engineers, Kennedy/Jenks, PlanTierra, Systech Water Resources, and Carollo Engineers. 2013. *Central Valley Salinity*

*Alternatives for Long-term Sustainability (CV-SALTS): Initial Concept Model (ICM) Technical Services. Tasks 7 and 8 – Salt and Nitrate Analysis for the Central Valley Floor and a Focused Analysis of Modesto and Kings Subregions.* Report prepared for CV-SALTS. December 3, 2013. <http://www.cvsalinity.org/index.php/committees/technical-advisory/conceptual-model-developments/102-initial-conceptual-model-icm.html>

Larry Walker Associates, Luhdorff & Scalmanini Consulting Engineers, PlanTierra, Formation Environmental, and G. Kourakos. 2016. *Management Zone Archetype Analysis Report: Alta Irrigation District.* Report prepared for CV-SALTS. July 2016. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/conceptual-model-development/3335-aid-management-zone-report-final-may-2016-072916/file.html>

Larry Walker Associates, PlanTierra, Systech Water Resources, and Carollo Engineers. 2014. *Development of a Basin Plan Amendment for Salt and Boron in the Lower San Joaquin River – Summary of Work Completed: Tasks 2, 3, and 8b.* Report prepared for CV-SALTS. November 12, 2014. <http://www.cvsalinity.org/index.php/docs/lower-san-joaquin-river-committee-documents/supporting-documents/2892-lsjr-tasks-2-3-8-summary-memo-final-2014-10-21-clean/file.html>

Luhdorff & Scalmanini Consulting Engineers and Larry Walker Associates. 2014. *Phase II Conceptual Model - Task 3: Groundwater Data Refinements and Updates.* Memorandum to CV-SALTS. June 18, 2014. <http://www.cvsalinity.org/index.php/docs/committee-document/technical-advisory-docs/conceptual-model-development/2810-phase-iitask-3technical-memorandum070814final/file.html>

Luhdorff & Scalmanini Consulting Engineers and Larry Walker Associates. 2016a. *Region 5: Updated Groundwater Quality Analysis and High Resolution Mapping for Central Valley Salt and Nitrate Management Plan.* Report prepared for CV-SALTS. June 2016. <http://www.cvsalinity.org/index.php/committees/technical-advisory/conceptual-model-developments/171-updated-groundwater-quality-analysis-for-central-valley.html>

Luhdorff & Scalmanini Consulting Engineers and Larry Walker Associates. 2016b. *Alta Irrigation District Management Zone: Aggressive Restoration Alternative Modeling Scenario Results.* Technical memorandum prepared for CV-SALTS. September 2016. <http://www.cvsalinity.org/index.php/docs/ceqa/ceqa-documents/3525-final-tm-aggressive-restoration-scenario-09292016/file.html>

Metcalf and Eddy. 1991. *Wastewater Engineering: Treatment, Disposal, and Reuse.* 3<sup>rd</sup> Edition. McGraw-Hill Book Publishing Company, Inc.; New York. 1334 pp.

Page, R.W. 1986. *Geology of the Fresh Ground-water Basin of the Central Valley, California, with texture maps and sections.* U.S. Geological Survey Professional Paper 1401-C.

Provost & Pritchard Consulting Group. 2013. *Costs to Retrofit Existing Dairies That Do Not Have Tier 1 or Tier 2 Lagoons.* Memorandum to Theresa A. Dunham (Somach, Simmons & Dunn) from John Schaap and Steve Bommelji.

Robertson-Bryan Inc. and CDM Smith. 2016. Central Valley Salt and Nitrate Management Plan Substitute Environmental Documentation. Report prepared for CV-SALTS. December 2016. <http://www.cvsalinity.org/index.php/docs/ceqa/ceqa-documents/3647-snmp-sed-revised-2016-12-19-clean/file.html>

Sholes, D. 2006. History, Lithology, and Groundwater Conditions in the Tulare Lake Basin. Central Valley Water Board presentation.

Sibson, R. 1981. A Brief Description of Natural Neighbor Interpolation, Chapter 2 in: *Interpolating Multivariate Data*, 21–36. John Wiley & Sons: New York, 1981.

State Water Resources Control Board (State Water Board). 2004. *Turbidity Fact Sheet*. FS-3.1.5.0(Turb). In: The Clean Water Team Guidance Compendium for Watershed Monitoring and Assessment, Version 2.0. Division of Water Quality, California State Water Resources Control Board, Sacramento, CA. [http://www.waterboards.ca.gov/water\\_issues/programs/swamp/cwt\\_guidance.shtml](http://www.waterboards.ca.gov/water_issues/programs/swamp/cwt_guidance.shtml).

State Water Board. 2006. *Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary*. State Water Resources Control Board. [http://www.waterboards.ca.gov/waterrights/water\\_issues/programs/bay\\_delta/wq\\_control\\_plans/2006wqcp/](http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/wq_control_plans/2006wqcp/)

State Water Board. 2010. *2009 Water Recycling Survey Results by Regional Board/Type of Use*. California Environmental Protection Agency, State Water Board. Sacramento, CA. The California Water Board's Annual Performance Report – 2010. Plan & Assess: Wastewater Recycling. [http://www.waterboards.ca.gov/about\\_us/performance\\_report\\_1011/plan\\_assess/12515\\_ww\\_recycling.shtml](http://www.waterboards.ca.gov/about_us/performance_report_1011/plan_assess/12515_ww_recycling.shtml).

State Water Board. 2013. *Communities that Rely on Contaminated Groundwater*. State Water Resources Control Board Report to the Legislature. January 2013. <http://www.swrcb.ca.gov/gama/ab2222/docs/ab2222.pdf>

State Water Board. 2015. *Safe Drinking Water Plan for California: Report to the Legislature in Compliance with Health and Safety Code Section 116365*. June 2015. [http://www.waterboards.ca.gov/publications\\_forms/publications/legislative/docs/2015/sdwp.pdf](http://www.waterboards.ca.gov/publications_forms/publications/legislative/docs/2015/sdwp.pdf)

Williamson, A.K, D.E. Prudic, and L.A. Swain. 1989. *Ground-water flow in the Central Valley, California*. U.S. Geological Survey Professional Paper 1401-D.

WRIME. 2007. *Kings Basin Integrated Groundwater and Surface water Model (Kings IGSM)*, Model Development and Calibration. November 2007.