

**Section 12**

---

---

**References**

## 12. REFERENCES

- Alley, W.M., T.E. Reilly, and O.L. Franke, 1999, Sustainability of Ground-Water Resources: U.S. Geological Survey Circular 1186, 79 p. Available online at [http://pubs.usgs.gov/circ/circ1186/html/gw\\_effect.html](http://pubs.usgs.gov/circ/circ1186/html/gw_effect.html).
- American Water Works Association, Research Foundation, 1999, Residential End Uses of Water.
- Anderson, M.P., Woessner, W.W., 1992, Applied Groundwater Modeling – Simulation of Flow and Advective Transport, 381 p.
- Anthony, Stephen S., 1997, Evaluation of the U.S. Geological Survey Ground-Water Data-Collection Program in Hawaii, 1992: U.S. Geological Survey Water-Resources Investigations Report 97-4232, 76 p.
- Carter, R.W. and Davidian, J., 1968, Chapter A6, General procedure for gaging streams, Book 3, Applications of Hydraulics, Techniques of Water Resources Investigations of the U.S. Geological Survey. Available online at <http://pubs.usgs.gov/twri/twri3-A6/html/pdf.html>.
- Chu, P.S., and Chen, H, 2005, Interannual and interdecadal rainfall variations in the Hawaiian islands: *Journal of Climate*, v. 18, pp. 4796-4813.
- Chu, P.S., 2006 (unpublished report), Rainfall Station Index and Atlas for Kauai County: County of Kauai Department of Water and State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management, 30 p.
- Climate Change Science Program and the Subcommittee on Global Change Research, 2005, *Our Changing Planet*, The U.S. Climate Change Science Program for Fiscal Year 2006: U.S. Climate Change Science Program, Washington, DC, 216 p.
- Craighill Handy, E.S., 1965, *Ancient Hawaiian Civilization; a series of lectures delivered at the Kamehameha Schools*. Charles E. Tuttle Co. Publishers.
- Dale, R.H., and Takasaki, K.J., 1976, Probable effects of increasing pumpage from the Schofield ground-water body, Island of Oahu, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 76-47.
- Devaney, Dennis M., Marion Kelly, Polly Jae Lee and Lee S. Motteler, Kaneohe: A History of Change: Honolulu, The Bess Press, 1982.
- Ekern, P.C., and Chang, J.H., 1985, Pan Evaporation: State of Hawaii, 1894-1983: State of Hawaii, Department of Land and Natural Resources, Division of Water and Land Development, Report R74, 172 p.
- Englund, R., 1998, Biological assessment and the effects of water withdrawals on Waikele Stream, Oahu, Aquatic biota: Prepared for Belt-Collins Hawaii, 31 p.

Engott, John A., and Vana, Thomas T. 2007, Effects of agricultural land-use changes and rainfall on ground-water recharge in central and west Maui, Hawaii, 1926-2004: U.S. Geological Survey Scientific Investigations Report 2007-5103, 56 p. Available online at <http://pubs.usgs.gov/sir/2007/5103/>.

Essaid, H. I., 1986, A comparison of the coupled fresh water-salt water flow and the Ghyben-Herzberg sharp interface approaches to modeling of transient behavior in coastal aquifer systems: *Journal of Hydrology*, 86: pp. 169–193.

Essaid, H.I., 1990, SHARP--A quasi-three-dimensional finite-difference simulation model for freshwater and saltwater flow in layered coastal aquifer systems: U.S. Geological Survey Water-Resources Investigations Report 90-4130, 181 p.

Fontaine, R.A., Wong, M.F., and Matsuoka, Iwao, 1992, Estimation of median streamflows at perennial stream sites in Hawaii: U.S. Geological Survey Water-Resources Investigations Report 92-4099, 37 p.

Fontaine, R.A., 1996, Evaluation of the surface-water quantity, surface-water quality, and rainfall data-collection programs in Hawaii: U.S. Geological Survey Water-Resources Investigations Report 95-4212, prepared in cooperation with the State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management, 125 p.

Fontaine, R.A., 2003, Availability and distribution of base flow in lower Honokohau Stream, Island of Maui, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 03-4060, 37 p.

Fontaine, R.A., 2006, Water Resources Data, Hawaii and other Pacific Islands, Water Year 2005, Volume 1. Hawaii: U.S. Geological Survey Water-Data Report HI-05-1, 344p.

Foote, D. E. et al., 1972, Soil Surveys of Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii: United States Department of Agriculture, Soil Conservation Service, U.S. Government Printing Office, Washington, D.C. 232 pp., 130 map sheets.

Galloway, Devin L., Alley, William M., Barlow Paul M., Reilly, Thomas E., and Tucci, Patrick, Evolving issues and practices in managing ground water-resources: case studies on the role of science: U.S. Geological Survey Circular 1247, 83 p.

Gelhar, L. W., Welty, C., and Rehfeldt, K. R., 1992, A critical review of data on field-scale dispersion in aquifer: *Water Resources Research*, 28(7): pp. 1955-1974.

Giambelluca, T.W., 1983, Water balance of the Pearl Harbor-Honolulu Basins, Hawaii, 1946-1975, Technical Report No.151: Water Resources Research Center, University of Hawaii at Manoa, Honolulu, Hawaii.

Giambelluca, T.W., DeLay, J.K., Nullet, M.A., Scholl, M.A., and Gingerich, S.B. Interpreting canopy water balance and fog screen observations: Separating cloud water from wind-blown rainfall at two contrasting forest sites in Bruijnzeel, L.A., Juvik, J., Scatena, F.N., Hamilton, L.S., and Bubb, P., *Mountains in the Mist: Science for Conserving and Managing Tropical Montane Cloud Forests*, Honolulu, HI, University of Hawaii Press.

Giambelluca, T.W., Nullet, M.A., and Schroeder, T.A., 1986, *Rainfall atlas of Hawaii: State of Hawaii, Department of Land and Natural Resources, Division of Water and Land Development, Report R76*, 267 p.

Gingerich, S.B. and Voss, C.I., 2005, Three-dimensional variable-density flow simulation of a coastal aquifer in Southern Oahu, Hawaii, USA: *Hydrogeology*, 13:436-450.

Hanalei Watershed Hui, 2004, Internet, Available at: <http://www.hanaleiwatershedhui.org>.

Hirsch, Robert M., Winter, Thomas C., Harvey, Judson W., Franke, O. Lehn, and Alley, William M., *Ground water and surface water: a single resource: U.S. Geological Survey Circular 1139*, 79 pp, Available on line at: <http://water.usgs.gov/ogw/gwsw.html>.

Hunt, C.D., Jr., 1996, *Geohydrology of the island of Oahu*, Hawaii Professional Paper 1412-B, U.S. Geological Survey.

Hunt, C. D., and DeCarlo, E. H., 2000, *Hydrology and water and sediment quality at James Campbell National Wildlife Refuge near Kahuku, Island of Oahu, Hawaii: prepared in cooperation with the U. S. Fish and Wildlife Service, Department of Interior: U. S. Geological Survey Water-Resources Investigations Report 99-4171*, 85 p.

Intergovernmental Panel on Climate Change, 1998, *The regional impacts of climate change, an assessment of vulnerability*: Cambridge University Press, 517 p.

Intergovernmental Panel on Climate Change, 2001, *Summary for policymakers, a report of working group I of the intergovernmental panel on climate change: climate change 2001: synthesis report*, April 4, 2006, <http://www.ipcc.ch/pub/spm22-01.pdf>.

Izuka, S. K., 1992, *Geology and stream infiltration of North Halawa Valley, Oahu, Hawaii: prepared in cooperation with the Department of Transportation, State of Hawaii: U. S. Geological Survey Water Resources Investigations Report 91-4197*, 21 p.

Izuka, S.K., and Gingerich, S.B., 1998, *Ground water in the southern Lihue basin, Kauai, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 98-4031*, 71 p.

Izuka, S.K., and Oki, D.S., 2001, Numerical simulation of groundwater withdrawals in the Southern Lihue Basin: U.S. Geological Survey Water-Resources Investigations Report 01-4200.

Jenkins, C. T., 1970, Computation of rate and volume of stream depletion by wells: U.S. Geological Survey, Technical Water-Resources Investigations, Ch. D1, Book 4, Hydrological Analysis Interpretation, 17 pp.; Glover, R. E., 1974, Transient ground water hydraulics: Dept. of Civil Engineering, Colorado State University, Fort Collins, Colorado, 413 p.

Juvik, J. O. and Ekern, P. C., 1978, A climatology of mountain fog on Mauna Loa, Hawaii Island, Technical Report No. 118, Project Completion Report for fog precipitation along topo-climatic gradients on the Island of Hawaii, OWRT Project No. A-041-HI, Grant Agreement No. 14-34-0001-5011, Project Period: 1 July 1974 to 31 December 1975.

Juvik, J. O, and Nullet, D., 1994, A climate transect through tropical montane rain forest in Hawaii: *Journal of Applied Meteorology*, v. 33, No.11, p. 1304.

Juvik, J. O, and Nullet, D., 1995, Comments on "A Proposed Standard Fog Collector for Use in High Elevation Regions": *Journal of Applied Meteorology*, v. 34, No.9, p. 2108-2110.

Koch, Linda, Harrigan-Lum, June, and Henderson, Katina, 2004, Final 2004 List of Impaired Waters in Hawaii, Prepared Under Clean Water Act §303 (d): Hawaii State Department of Health, Environmental Planning Office.

Konikow, L.F., and Bredehoeft, J.D., 1978, Computer model of two-dimensional solute transport and dispersion in groundwater, USGS Techniques of water resources investigation, book 7, Chapter 2, Washington, DC.

Kumu Pono Associates, 2002, An Overview of Native Hawaiian Land and Ocean Management Practices. Internet. Available online at: <http://kumupono.com>.

Langenheim, V.A.M., and Clague, D.A., 1987, The Hawaiian-Emperor volcanic chain, part II, stratigraphic framework of volcanic rocks of the Hawaiian islands, volcanism in Hawaii: U.S. Geological Survey Professional Paper 1350. pp. 55-84.

Lau, L. Stephen and Mink, J.F., 2006, Hydrology of the Hawaiian Islands: University of Hawaii Press: Honolulu.

Liu, C.C.K., Green, R.E., Lee, C.C. and Williams, M.K., 1983, Modeling Analysis of Pesticide DBCP Transport and Transformation in Soils of Kunia Area in Central Oahu, Hawaii, Phase I Completion Report To U.S. Environmental Protection Agency, Pacific Biomedical Research Center, University of Hawaii, Honolulu.

Liu, C.C.K., Lau, L.S. and Mink, J.F., 1983, Groundwater Model for a Thick Freshwater Lens, *Ground Water*, 21(3):293-300.

Liu, C.C.K., Ewart, C. and Huang, Q., 1991, Response of a Basal Water-Body to Forced Draft, In *ASCE Book: Ground Water in the Pacific Rim Countries*, J. Peters (ed.), American Society of Civil Engineers (ASCE), pp. 36-42.

Liu, C.C.K., Loague, K.M. and Feng, J.S., 1991, Fluid Flow and Solute Transport in Unsaturated Heterogeneous Soils: Numerical Experiments: *Journal of Contaminant Hydrology* 7, pp. 261-283.

Liu, C.C.K., 2006, Analytical groundwater flow and transport modeling for the estimation of the sustainable yield of Pearl Harbor Aquifer, Project Report PR-2006-06, Water Resources Research Center, University of Hawaii, 53 p.

Liu, C.C.K., 2007, Testing and Application of RAM2 for Determining Sustainable Yield of Hawaii Basal Aquifers, Project Report PR-2007-00, Water Resources Research Center, University of Hawaii (in preparation).

Loague, K.T., Giambelluca, T.W., Green, R.E., Liu, C.C.K, Liang, T.C., and Oki, D.S., 1989, Simulation of organic chemical movement in Hawaii soils with PRZM: 2. Predicting deep penetration of DBCP, EDB, and TCP: *Pacific Science*, 43, pp. 362-383.

Macdonald, Gordon A., Abbott, Agatin T., and Peterson Frank L., 1970, *Volcanoes in the Sea, The Geology of Hawaii*: Honolulu, University of Hawaii Press.

McKnight, J. H. and Juvik, J. O., 1975, Methodological approaches in Hawaiian fog research, Technical Report No. 85, Project Completion Report for fog precipitation along topo-climatic gradients on the Island of Hawaii, OWRT Project No. A-041-HI, Grant Agreement No. 14-31-0001-4011, Project Period: July 1, 1972 to June 30, 1975.

Meyer, W. and Todd, K. P., 2001, The Response of the Iao Aquifer to Groundwater Development, Rainfall, and Land-Use Practices Between 1940 and 1998, Island of Maui, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 00-4223.

Meyers, C.K., Kleinecke, D.C., Todd, D.K., and Ewing, L.E., 1974, Mathematical modeling of fresh water aquifers having salt water bottoms, Tech. Rep. GE74 TEM-43, Center for Advanced Studies, TEMPO, General Electric Co.: Report to Office of Water Resources Research, U.S. Dept. of the Interior.

Miike, Lawrence H., 2004, *Water and the Law in Hawaii*: Honolulu, University of Hawaii Press.

Mink, J.F., 1980, *State of the groundwater resources of Southern Oahu*, Honolulu: Board of Water Supply, Honolulu, Hawaii.

Mink, J.F., 1981, Determination of Sustainable Yields in Basal Aquifer, in: Groundwater in Hawaii-A Century of Progress, Book published by the Water Resources Research Center, University of Hawaii at Manoa, pp.101-116.

Mink, J.F., and Lau, L.S., 1990, Aquifer identification and classification for Maui: groundwater protection strategy for Hawaii: Honolulu, Hawaii, University of Hawaii Water Resources Research Center, Technical Report no. 185, 47 p.

Mink, J. F., 1996, Stream flow-well interaction in lower Punaluu Valley. Lack of effect of pumpage at Makalii wells on Punaluu Stream flow: letter and memorandum dated August 12, 1996 to Deputy Director Rae Loui, 3 p.

National Assessment Synthesis Team, 2000, Climate change impacts on the United States: the potential consequences of climate variability and change, US Global Change Research Program, Washington DC, March 23, 2006, available online at <http://www.usgcrp.gov/usgcrp/Library/nationalassessment/overview.htm>.

National Weather Service Forecast Office, Honolulu, HI, nd, Hydrology in Hawaii, Additional Hydrology Resources, Rainfall Summary Gage Location Maps, September 7, 2007, <http://www.prh.noaa.gov/hnl/pages/hydrology.php>.

Neuman, S.P., and Di Federico, V., 2003, Multifaceted nature of hydrogeologic scaling and its interpretation: Reviews of Geophysics, 41(3), 1014 p.

Nichols, W.D., Shade, P.J., and Hunt, Jr., C.D., 1996, Summary of the Oahu, Hawaii Regional Aquifer-System Analysis, U.S. Geological Survey Professional Paper 1412-A.

Oki, D.S., 1997, Geohydrology and numerical simulation of the ground-water flow system of Molokai, Hawaii: U.S. Geological Survey, Water-Resources Investigations Report 97-4176.

Oki, D. S., 1998, Geohydrology of the Central Oahu, Hawaii, ground-water flow system and numerical simulation of the effects of additional pumpage: U. S. Geological Survey Water-Resources Investigations Report 97-4276, prepared in cooperation with the Honolulu Board of Water Supply, 132 p.

Oki, D.S., 2000, Site selection for a deep monitoring well, Kualapuu, Molokai, Hawaii, U.S. Geological Survey Water Resources Investigation Report 99-4291.

Oki, D. S. and Meyer, W., 2001, Analytical Versus Numerical Estimates of Water Level Declines Caused by Pumping, and a Case Study of the Iao Aquifer, Maui, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 00-4244.

Oki, Delwyn S. and Brasher, Anne M.D., 2003, Environmental Setting and the Effects of Natural and Human-Related Factors on Water Quality and Aquatic Biota, Oahu, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 03-4156, 98 p. Available online at <http://pubs.usgs.gov/wri/wri034156>.

- Oki, D.S., 2004, Trends in streamflow characteristics at long-term gaging stations, Hawaii, U.S. Geological Survey Scientific Investigations Report 2004-5080, 120 p.
- Oki, D.S., 2005, Numerical Simulation of the Effects of Low-Permeability Valley-Fill Barriers and Redistribution of Ground-Water Withdrawals in the Pearl Harbor Area, Oahu, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 05-5253.
- Oki, D. S., Wolff, R. H., and Perreault, J. A., 2006, Effects of surface-diversion and ground-water withdrawal on streamflow and habitat, Punaluu Stream, Oahu, Hawaii: U.S. Geological Survey Scientific Investigations Report 2006-5153, prepared in cooperation with the Honolulu Board of Water Supply, 104 p.
- Orr, Shlomo, and Lau, L.S., 1987, Trace organic (DBCP) transport simulation of Pearl Harbor aquifer, Oahu, Hawaii—Multiple mixing-cell model, Phase I: Honolulu, University of Hawaii Water Resources Research Center Technical Report No. 174, 60 p.
- Pukui, Mary Kawena and Samuel H. Elbert, 1986, Hawaiian Dictionary: Hawaiian-English, English-Hawaiian: Honolulu, University of Hawaii Press.
- Rantz, S. E. and others, 1982, Measurement and computation of streamflow: volume 1. measurement of stage and discharge: U.S. Geological Survey Water-Supply Paper 2175, 284 p.
- Riggs, H.C., 1972, Chapter B1, Low-Flow Investigations, Book 4, Hydrologic Analysis and Interpretation, Techniques of Water Resources Investigations of the U.S. Geological Survey, Available online at [http://pubs.usgs.gov/twri/twri4b1/pdf/twri\\_4-B1\\_a.pdf](http://pubs.usgs.gov/twri/twri4b1/pdf/twri_4-B1_a.pdf).
- Sato, H. et al., 1973, Soil Survey of the Island of Hawaii, State of Hawaii: United States Department of Agriculture, Soil Conservation Service, U.S. Government Printing Office, Washington, D.C. 115 pp., 195 map sheets.
- Scholl, M., T. W. Giambelluca, S. B. Gingerich, M. A. Nullett, and L. L. Loope (2007), Cloud water in windward and leeward mountain forests: The stable isotope signature of orographic cloud water, *Water Resour. Res.*, doi:10.1029/2007WR006011, in press. <http://www.agu.org/journals/pip/wr/2007WR006011-pip.pdf> (accepted 31 August 2007).
- Scholl, M.A., Gingerich, S.B., and Tribble, G.W., 2002, The influence of microclimates and fog on stable isotope signatures used in interpretation of regional hydrology: East Maui, Hawaii: *Journal of Hydrology*, v. 264, p. 170-184.
- Searcy, J.K., 1959, Flow-duration curves: U.S. Geological Survey Water-Supply Paper 1542-A, 33p.

Shade, P.J., 1997, Water budget for the Island of Molokai, State of Hawaii, Department of Hawaiian Home Lands: U.S. Geological Survey Water-Resources Investigations report: 97-4155.

Shade, P.J., 1997, Water Budget for the Iao area, Island of Maui, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 97-4244.

Shade, P.J., and Nichols, W.D., 1997, Water Budget and the Effects of Land-Use Changes on Ground-Water Recharge, Oahu, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 97-4244.

Snelder, Ton, , NIWA and Keys, Richard, Guidance Notes for Planning for Water Allocation prepared in August 2003 by Ton a partnership between the New Zealand Planning Institute, the Resource Management Law Association, Local Government New Zealand, the NZ Institute of Surveyors and the Ministry for the Environment.  
<http://www.qualityplanning.org.nz/plan-topics/water-allocation.php>.

Sophocleous, M., Koussis, A., Martin, J. L., and Perkins, S. P., 1995, Evaluation of simplified stream-aquifer depletion models for water rights administration: Ground Water, vol. 33, pp. 579-588.

Souza, W.R., and Voss, C.I., 1987, Analysis of an anisotropic coastal aquifer system using variable-density flow and transport simulation, Journal of Hydrology, 92, pp. 17-41.

Souza, W.R., and Meyer, William, 1995, Numerical simulation of regional changes in ground-water levels and in the freshwater-saltwater interface induced by increased pumpage at Barbers Point shaft, Oahu, Hawaii: U.S. Geological Survey Water-Resources Investigations Report 95-4206, 47 p.

State of Hawaii, Department of Business, Economic Development and Tourism's Office of Planning—Coastal Zone Management and Department of Health's Clean Water Branch Polluted Runoff Control Program, 2000, Hawaii's Implementation Plan for Polluted Runoff Control.

State of Hawaii Department of Land and Natural Resources, Commission on Water Resource Management, 1990, Hawaii Water Plan, Water Resources Protection Plan: Honolulu, Hawaii.

State of Hawaii Department of Land and Natural Resources, Commission on Water Resource Management, 2000, Statewide Framework for Updating the Hawaii Water Plan: Honolulu, Hawaii. Available online at:

<http://www.hawaii.gov/dlnr/cwrm/planning/plans/framework.pdf>.

State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management, 2003, Drought Risk and Vulnerability Assessment: Honolulu, Hawaii.

State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management, 2004, Hawaii Water Reuse Survey and Report: Honolulu, Hawaii.

State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management, 2005, Hawaii Drought Plan 2005 Update, Prepared by Wilson Okamoto Corporation.

State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management, May 2007, Conservation Manual for State of Hawaii Facilities: Honolulu, Hawaii.

State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management, Prototype Water Conservation Plan for the Department of Land and Natural Resources and the Water Conservation Manual for State of Hawaii Facilities, <http://www.hawaii.gov/dlnr/cwrm/planning/conserves.htm>.

Stearns, H.T. and Macdonald, G.A., 1942, Geology and groundwater resources of the island of Maui, Hawaii: Hawaii Division of Hydrography Bulletin 7, 344 p.

Taylor, Charles J. and Alley, William M., Ground-water-level monitoring and the importance of long-term water-level data: U.S. Geological Survey Circular 1217, 68 p.

Takasaki, K. J., Hirashima, G. T., and Lubke, E. R., 1969, Water resources of windward Oahu, Hawaii: U. S. Geological Survey Water-Supply Paper 1894, prepared in cooperation with State of Hawaii, Department of Land and Natural Resource, 119 p.

Takasaki, K. J. and Mink, J. F., 1982, Water resources of southeastern Oahu, Hawaii: U. S. Geological WRI 82-628, prepared in cooperation with the Honolulu Board of Water Supply, City and County of Honolulu, 89 p.

Takasaki, K. J. and Mink, J. F., 1985, Evaluation of major dike-impounded ground-water reservoirs, Island of Oahu: U. S. Geological Survey Water-Supply Paper 2217, prepared in cooperation with the Honolulu Board of Water Supply, City and County of Honolulu, 77 p.

Taylor, Charles J. and Alley, William M., 2001, Ground-Water-Level Monitoring and the Importance of Long-Term Water-Level Data: U.S. Geological Survey Circular 1217, Internet, available online at <http://pubs.usgs.gov/circ/circ1217/html/pdf.html>.

The National Academies, 2005, Understanding and responding to climate change, highlights of National Academies Report: The National Academy of Sciences, 20 p.

Todd, D.K., 1980, Groundwater Hydrology: New York, John Wiley & Sons.

Todd Engineers, 2005, Development of a Groundwater Management Model, Honolulu Area of the Southern Oahu Groundwater System, Prepared for the City and County of Honolulu Board of Water Supply, Honolulu, Hawaii.

U.S. Army Corps of Engineers, 2007, Regulatory Branch. Internet, available at: <http://www.poh.usace.army.mil/EC-R/EC-R.htm>.

U.S. Bureau of Reclamation, July 2005, Hawaii Stormwater Reclamation Appraisal Report: prepared in cooperation with the State of Hawaii, Department of Land and Natural Resources, Commission on Water Resource Management and CH2M Hill.

U. S. Environmental Protection Agency, 1996, Watershed Approach Framework, EPA 840-S-96-001, Office of Water (4501T), U.S. EPA, Washington, DC. Available online at: <http://www.epa.gov/owow/watershed/framework.html>.

U.S. Environmental Protection Agency, Office of Policy, 1998, Climate change and Hawaii, EPA 236-F98-007e: United States Environmental Protection Agency, 4 p.

U. S. Environmental Protection Agency, 2002, A Review of Statewide Watershed Management Approaches. Internet, available at: [http://www.epa.gov/owow/watershed/approaches\\_fr.pdf](http://www.epa.gov/owow/watershed/approaches_fr.pdf).

U. S. Environmental Protection Agency, 2006, Overview of the National Water Program. Internet, available at: <http://www.epa.gov/water/programs/owintro.html>.

U. S. Environmental Protection Agency, 2007, What is a Watershed? Internet, available at: <http://www.epa.gov/owow/watershed/whatis.html>.

U.S. Geological Survey Water Science Glossary of Terms, June 22, 2007, <http://ga.water.usgs.gov/edu/dictionary.html>.

Visher, F. N. and Mink, J. F., 1964, Ground-water resources in Southern Oahu, Hawaii: U. S. Geological Survey Water-Supply Paper 1778: Prepared in cooperation with the Division of Land and Water Development, Department of Land and Natural Resources, State of Hawaii, 133 p.

Voss, C.J., 1984, A finite-element Simulation Model for Saturated-unsaturated, Fluid-density-dependent Groundwater Flow and Transport Flow with Energy Transport or Chemically Reactive Single-species Solute Transport: U.S. Geological Survey Water-Resources Investigations Report 84-4369.

Wahl, K.L., and Wahl, T.L., 1995, Determining the flow of Comal Springs at New Braunfels, Texas: Proceedings of Texas Water '95, A Component Conference of the First International Conference on Water Resources Engineering, American Society of Civil Engineers, August 16-17, 1995, San Antonio, Tex., 77-86.

WASY, 2005, FEFLOW Finite Element Subsurface Flow and Transport Simulation, System, Version 5.0, Institute for Water Resources Planning and System Research LTD, Berlin, Germany.

Wentworth, C.K., 1938, Geology and ground water resources of the Palolo-Waialae District, Honolulu, Hawaii: Honolulu Board of Water Supply.

Whittier, R.B., K. Rotzoll, S. Dhal, A.I. El-Kadi, C. Ray, G. Chen, and D. Chang, 2006, Hawaii Source Water Assessment Program Report, Volume I, Approach Used For the Hawaii Source Water Assessments: Hawaii Department of Health, State of Hawaii, Honolulu, Hawaii.

Williams, Julie Stewart, From the Mountains to the Sea: Early Hawaiian Life, Honolulu: Kamehameha Schools Press, 1997.

Wilson Okamoto Corporation, 2004, Kaneohe-Kahaluu Stream Restoration and Maintenance, A Community Guidebook, City and County of Honolulu Department of Design and Construction, State of Hawaii, Honolulu, Hawaii.

Yeung, C.W., and Fontaine, R.A., 2007, Natural and diverted low-flow duration discharges for streams affected by the Waiahole Ditch System, windward O'ahu, Hawai'i: U.S. Geological Survey Scientific Investigations Report 2006-5285. Available online at <http://pubs.usgs.gov/sir/2006/5285/>.

Ziegler, Alan C., 2002, Hawaiian Natural History, Ecology, and Evolution: Honolulu, University of Hawaii Press.

(This page intentionally left blank.)