APPENDIX F PEARL HARBOR WATERSHED REFERENCES

The following is a listing of additional resources that may not have been reviewed in the Central O'ahu Watershed Study. This list was last updated in March 2005 by David Penn, Department of Health, Environmental Planning Office.

- AECOS, Inc. 1986. Final Environmental Impact Statement for a Proposed Watercress Development Project at Waiawa, Oʻahu. AECOS No. 438.
- AECOS, Inc. 1988a. Dredge material maintenance testing for maintenance of Waimalu Stream, Waimalu, Oʻahu, Hawaiʻi. M & E Pacific, Inc.
- AECOS, Inc. 1988b. Waimalu Stream Bioassay. Waimalu, O'ahu. AECOS No. 502.
- AECOS, Inc. 1989a. Assessment of impacts of a drainage diversion Channel for the Mililani Mauka Subdivision on aquatic environments in Kipapa Stream, O'ahu. AECOS No. 577.
- AECOS, Inc. 1989b. Environmental Assessment of the Upper Estuarine Reach of Wailani Stream (Kahu Channel), Waipahu, Oʻahu, Hawaiʻi. AECOS No. 521: 9 p. February 1988 (revised March 1989).
- AECOS, Inc. 1989c. Hālawa Bioassay. Hālawa, O'ahu. AECOS No. 549.
- AECOS, Inc. 1990. Pearl Harbor Bioassay. Honolulu, O'ahu. AECOS No. 576.
- AECOS, Inc.1991a. Environmental Assessment, Dockside Chlorination Units. Pearl Harbor Shipyard, O'ahu. AECOS No. 623.
- AECOS, Inc. 1991b. NOSC Pearl Harbor Bioassay Studies. Pearl Harbor, O'ahu. AECOS No. 630.
- AECOS, Inc. 1991c. Survey of lower Waiawa Stream and impacts assessment for flood retention basins at the Waiawa Ridge development project. AECOS No. 661.
- AECOS, Inc. 1992a. Environmental Considerations. Prepared for Gerald Park Urban Planner, Honolulu. AECOS No. 711.
- AECOS, Inc. 1992b. Fort Kamehameha Microbiological Test Project. Honolulu, O'ahu. AECOS No. 719.

- AECOS, Inc. 1994a. An Environmental Reconnaissance Survey of Lower Waiau Stream, Pearl City, O'ahu. AECOS No. 770.
- AECOS, Inc. 1994b. Waiawa Stream Water Quality Monitoring Program. AECOS No. 661B.
- AECOS, Inc. 1994c. Waipahu Landfill Groundwater Testing. Waipahu, Oʻahu. AECOS No. 756.
- AECOS, Inc. 1995. H3/Hālawa Stream Dewatering. Hālawa Valley, Oʻahu. AECOS No. 783.
- AECOS, Inc. 1996a. Environmental Considerations for a Sewerage Main along Kunia and Fort Weaver Roads. Prepared for Wilson Okamoto & Associates, Inc., Honolulu. AECOS No. 750C.
- AECOS, Inc. 1996b. Final Report and Water Quality Assessment: Waimano Drainage Channel Reconstruction, Pearl City, O'ahu. AECOS No. 770B.
- AECOS, Inc. 1996c. Preconstruction Water Quality Monitoring Report for the Ford Island Bridge Project. Pearl Harbor, O'ahu. AECOS No. 804A.
- AECOS, Inc. 1999. Biological reconnaissance survey of Hālawa Stream mouth for Kamehameha Highway Widening Project. AECOS No. 932.
- AECOS, Inc. 2000a. Ecological Risk Assessment for the Kunia Field Station, Kunia, Oʻahu, Hawaiʻi. AECOS Consultants No. AC016.
- AECOS, Inc. 2000b. Biological resources survey for the Leeward Bikeway environmental assessment. AECOS No. 942.
- AECOS, Inc. 2000c. Biological resources survey for the Waikele Branch of the Lualualei Naval Ammunition Depot, Central O'ahu, Hawai'i. AECOS No. 945.
- AECOS Inc. 2001. A Wetland Boundary Determination for the Waipahu Ash Landfill Closure, Waipahu, Oʻahu. Prepared for Wil Chee Planning, Honolulu. AECOS No. 987A.
- Ahuja, L.R.; Dangler, E.W.; El-Swaify, S.A. 1976. Predicting runoff initiation times under field conditions in tropical (Hawai'i) soils. Soil Science Society of America Journal 40 (5):777-779.
- AM Partners, Inc. 1992. Waimano Ridge Master Plan. State of Hawai'i Department of Health, Developmental Disabilities Division.

- AMEC Earth and Environmental. 2002. Problem formulation (USEPA step 3 and USN step 3B) and scientific management decision point: study design and data quality objectives (DQO) process (USEPA and USN step 4) and scientific management decision point for baseline ecological risk assessment (BERA) Pearl Harbor sediment RI. Pacific Division, Naval Facilities Engineering Command.
- 'Aiea Ventures. 1983. 'Aiea Park Place: a cluster housing development, 'Aiea, 'Ewa, O'ahu, Hawai'i, TMK 9-9-10:04.
- Aoyama, S.S. and R.H.F. Young. 1974. A study of the effects of secondary effluent on Waimano and Waiawa streams. University of Hawai'i Water Resources Research Center Technical Report 76.
- Apitz, S.E. and V.J. Kirtay. 1999. Integrated Sediment Characterization A Demonstration at Pearl Harbor. Marine Environmental Update 99(3):8-18. (U.S. Navy SPAWAR Systems Center San Diego).
- Archer, K.M. 1985. Biological Survey of Waikakalaua Stream. In: Final environmental impact statement for Melemanu Woodlands Phase III; Waipi'o, 'Ewa, O'ahu.
- Archer, K. M. 1985. Biological Survey of Waikakalaua Stream. Prepared for Gray, Hong and Associates, Honolulu.
- Athens, S.J., ed. 2000. Ancient Hawaiian Fishponds of Pearl Harbor: Archaeological Studies on U.S. Navy Lands, Hawai'i. International Archeological Research Institute. State of Hawai'i Department of Land and Natural Resources Historic Preservation Division.
- Austin, Tsutsumi & Associates. 1976. Revised Environmental impact statement for the proposed Honouliuli interceptor sewer system. Dept. of Public Works, City and County of Honolulu.
- Ball, M.T.J., and Young, S.T.M. 2004. Rainfall, streamflow, and water-quality data during stormwater monitoring, Hālawa Stream drainage basin, Oʻahu, Hawaiʻi, July 1, 2003 to June 30, 2004. U.S. Geological Survey Open-File Report 2004-1275.
- Bathen, K.H. 1972. Current measurements in Pearl Harbor, Hawai'i. University of Hawai'i Look Laboratory of Oceanographic Engineering. Miscellaneous report; no. 6.
- Bay Pacific Consulting. 1996. Riparian nonpoint pollution control in Hawai'i Impacts and policy recommendations. State of Hawai'i Office of State Planning.
- Belt Collins Hawai'i. 2000. Draft Pearl Harbor Historic Trail Master Plan.

- Belt Collins Hawai'i Ltd. 2003. Waimano Exploratory Well Environmental Assessment. State of Hawai'i Department of Land and Natural Resources.
- Brasher, A. M. 1991. Aquatic Survey of Waikakalaua Stream, O'ahu, Hawai'i. Prepared for Dames & Moore, Honolulu. 17 pp.
- Brasher, A.M.D. 2003. Impacts of human disturbance on biotic communities in Hawaiian streams. BioScience 53:1052-1060.
- Brasher, A.M. and S.S. Anthony. 2002. Occurrence of organochlorine pesticides in stream bed sediment and fish from selected streams on the island of O'ahu, Hawai'i, 1998. U.S. Geological Survey Fact Sheet 140-00.
- Brasher, A.M.D. and R.H. Wolff. 2004. Relations between land use and organochlorine pesticides, PCBs, and semivolatile organic compounds in streambed sediment and fish tissue on the island of Oʻahu, Hawaiʻi. Archives of Environmental Contamination and Toxicology 46:385-398.
- Brasher, A.M.D., R.H. Wolff, and C.D. Luton. 2004. Associations among land use, habitat characteristics, and invertebrate community structure in nine streams on the island of Oʻahu, Hawaiʻi. U.S. Geological Survey Water-Resources Investigations Report 03-4256.
- Brock, R. 2002. Aquatic communities in Pearl Harbor. Appendix B *In:* Planning Solutions, Inc. 2002. Draft Environmental Impact Statement Waiau Fuel Pipeline Project. Hawaiian Electric Company, Inc.
- Burr, S. 2002. Biological reconnaissance survey of North Hālawa Stream for the Collection System Maintenance baseyard. Aecos, Inc. AECOS No. 907B.
- Castle & Cooke Homes Hawai'i, Inc. and Pacific Health Community, Inc. 200. Koa Ridge EA.
- Clean Water Branch. 2001. Fact Sheet and Draft Permit: Application for the renewal of a national pollutant discharge elimination system (NPDES) permit to discharge to the waters of the United States, U.S. Army Garrison Hawai'i Separate Storm Sewer System. NPDES Permit No. HI 1121431. State of Hawai'i Department of Health.
- Char, W. 2000. State Energy Coordinator Wetland Delineation at Pouhala Marsh. Planning Solutions, Inc.
- Chernisky, J., D. Klim and K. Mohanan. 2001. Water quality studies of the Waiawa Stream on the Leeward Coast of O'ahu. In: Pearl Harbor 21 Service Leadership Program. 2001.

- Ching, R.K.Y. 1972. Water quality effects of urban runoff. M.A. Thesis, University of Hawai'i Department of Civil Engineering.
- Chun, M.J., R.H.F. Young, and G.K. Anderson. 1972. Wastewater effluents and surface runoff quality. University of Hawai'i Water Resources Research Center Technical Report No. 63.
- Clements, C.N. Honouliuli.
- Commander, Navy Region Hawai'i. 2003. The Ford Island Development Web Site. http://www.hawaii.navy.mil/PacDivFordIsland/index.html
- Commission on Water Resource Management. 1992. Declarations of Water Use. Circular C-123. State of Hawai'i Department of Land and Natural Resources, Honolulu.
- Cox, D.C. 1968. Estuarine pollution in the State of Hawai'i. University of Hawai'i Water Resources Research Center Technical Memorandum 15.
- Crispin, E.G. 2003. Planned Development Housing Permit Application No. 2003/PDH-1 (Mililani Mauka Unit 134). EPO03-034.
- Curtis, H. 2003. Letter dated September 16 from Executive Director, Life of the Land, to Todd Lanning, Hickam AFB (re: storm drain contamination at Pearl Harbor).
- Dames and Moore. 1991. Aquatic Assessment of Waikakalaua Stream between the Kamehameha Highway and Headwaters, O'ahu, Hawai'i. Prepared for Waihuna Joint Ventures. 22564-001-001: 17 pp.
- Dangler, E.W.; El-Swaify, S.A. 1976. Erosion of selected Hawai'i soils by simulated rainfall Soil Science Society of America Journal 40 5: 769-773.
- Danninger, L. 2001. Medical mecca may be a tough sell. Honolulu Star Bulletin. August 5.
- David, R.E. and E. Guinther. 2000. Biological resources survey for the Waikele Branch of the Lualualei Naval Ammunition Depot, Central O'ahu, Hawai'i. Earthtech inc. and U.S. Department of the Navy.
- De Carlo, E.H. and S.S. Anthony. 2002. Spatial and temporal variability of trace element concentrations in an urban subtropical watershed, Honolulu, Hawai'i. Applied geochemistry 17:475-492.
- Deenik, J.L. 1997. Liming effects on nitrate adsorption in soils with variable charge clays and implications for ground water contamination. Theses for the degree of Master of Science (University of Hawai'i at Manoa). Agronomy and Soil Science; no. 3235.

- Del Monte Fresh Produce, Inc. 2002. Preliminary Design Report, Basal Aquifer Source Control, Del Monte Corporation (O'ahu Plantation) Superfund Site.
- Department of Environmental Services. 2000. Rationale for the proposed revision to the Water Quality Management Plan for the City and County of Honolulu, 1990. City and County of Honolulu.
- Department of Health. 1990a. Hawaii's Assessment of Nonpoint Source Pollution Water Quality Problems. State of Hawaiii.
- Department of Health. 1990b. Hawaii's Nonpoint Source Water Pollution Management Plan. State of Hawaiii.
- Department of Health. 1992. Twelve (12) Conditions Applicable to All New Golf Course Development (Version 4).
- Department of Health 2004a. Hawai'i Administrative Rules Title 11, Chapter 54 Water Quality Standards. State of Hawai'i.
- Department of Health. 2004b. Notice of Proposed Water Pollution Control Permit, Public Notice Permit, Public Notice Permit Modifications, and Fact Sheet for Wastewater Treatment Plant at Fort Kamehameha, NPDES Permit NO. HI 0110086 and Zone of Mixing No. ZM-257.
- Department of Health and Department of Public Works. 1988. Water Quality Management Plan for the City and County of Honolulu. State of Hawai'i and City and County of Honolulu.
- Department of Planning and Economic Development. 1973. Central Oʻahu Planning Study Environment and Urbanization in Central Oʻahu A Resource Base Analysis. State of Hawaiʻi, Technical Supplement 1.
- Department of Planning and Permitting. 2002. Central O'ahu Sustainable Communities Plan. City and County of Honolulu.
- Department of Public Works. 1972. Final environmental impact statement for 'Aiea Stream flood control project. City and County of Honolulu.
- Department of Public Works and Department of Health. 1990. Water Quality Management Plan for City and County of Honolulu. City and County of Honolulu and State of Hawai'i.

- Department of the Navy. 2001. Record of Decision for Outfall Replacement for Wastewater Treatment Plant at Fort Kamehameha, Navy Public Works Center, Pearl Harbor, HI. Federal Register 66(130), July6:35599-35601.
- Design Partners, Inc. 2003. Planned Development Housing Narrative Mililani Mauka Unit 134. Castle & Cooke Homes Hawai'i (EPO 03-034).
- Devick, W.S. 1991. Patterns of introductions of aquatic organisms to Hawaiian freshwater habitats.
- Division of Forestry and Wildlife. 1998. Best Management Practices for Forestry in Hawai'i. State of Hawai'i Department of Land and Natural Resources.
- Ducks Unlimited, Inc. 1998. Environmental and Enhancement Plan for Pouhala Marsh, O'ahu, Hawai'i. U.S. Fish and Wildlife Service and State of Hawai'i Department of Land and Natural Resources, Division of Forestry and Wildlife.
- Earth Tech, Inc. 2001a Site investigation report : Waikele Branch Naval Magazine Pearl Harbor, Oʻahu, Hawaiʻi.
- Earth Tech, Inc. 2001b. Site Summary Reports: : Pearl Harbor Naval Complex, O'ahu, Hawai'i. Dept. of the Navy Commander, Pacific Division, Naval Facilities Engineering Command. Dept. of the Navy, Pacific Division, Naval Facilities Engineering Command.
- Earth Tech, Inc. 2002. Engineering evaluation/cost analysis Waikele Branch U.S. Naval Magazine, Pearl Harbor, Oʻahu, Hawaiʻi.
- Economic Research Service, Forest Service, and Soil Conservation Service. 1975. Appraisal of alternative means to alleviate erosion and sedimentation damages in the Pearl Harbor Basin, Island of O'ahu, Hawai'i. U.S. Department of Agriculture.
- Ekern, P.C. 1977. Turbidity and sediment-rating curves for streams on O'ahu, Hawai'i. In: Soil Conservation Society of America. Soil Erosion: Prediction and Control (242-254).
- El-Swaify, S.A.; Cooley, K.R. 1980. Sediment losses from small agricultural watersheds in Hawai'i (1972-77). Science and Education Administration Western Series, SEA (AR), USDA Agricultural Reviews and Manuals Volume 17.
- El-Swaify, S.A.; Cooley, K.R. 1981. Soil losses from sugarcane and pineapple lands in Hawai'i. Proceedings of the Workshop for Assessment of Soil Erosion in USA and Europe In H. De Boodt and D. Gabriels (eds.) Assessment of Erosion: 327-340. John Wiley and Sons, Chichester.

- El-Swaify, S.A.; Dangler, E.W. 1976. Erodibilities of selected tropical soils in relation to structural and hydrologic parameters. Soil Erosion: Prediction & Control. Soil Conservation Society of America, Ankeny, Iowa: 105-114.
- Engineers Surveyors Hawai'i. 2002. Waimalu Stream Dredging Environmental Assessment. City and County of Honolulu Department of Design and Construction.
- Englund, R.A. 1993. A survey of fish and aquatic insect fauna of the Waikele/Kipapa streams, O'ahu, Hawai'i. BHP Environmental Technologies (prepared for Halekua Development Corp.).
- Englund, R.A. 1997. Biological assessment of Kipapa Stream, Oʻahu adjacent to the Kipapa fuel storage annex. Pacific Aquatic Environmental, Inc: Honolulu.
- Englund, R.A. 1998. Biological assessment and the effects of water withdrawals on Waikele Stream, Oʻahu aquatic biota. Hawaiʻi Biological Survey contribution 1998-011, Bernice Pauahi Bishop Museum.
- Englund, R.A. 2002. The loss of native biodiversity and continuing nonindigenous species introductions in freshwater, estuarine, and wetland communities of Pearl Harbor, O'ahu, Hawaiian Islands. *Estuaries* 25(3): 418-430.
- Englund, R.A. and R.B. Filbert. 1999. Flow restoration and persistence of introduced species in Waikele Stream, O'ahu. Micronesica 31(2): 143-154.
- Englund, R.A., D.J. Preston, R. Wolff, S.L. Coles, L.G. Eldredge, and K. Arakaki. 2000. Biodiversity of freshwater and estuarine communities on lower Pearl Harbor, O'ahu, Hawai'i with observations on introduced species. Bishop Museum Technical Report 16, Contribution 2000-001 to the Hawai'i Biological Survey (Prepared for U.S. Navy, Department of Defense Legacy Project Number 106).
- Environmental Communications, Inc. 1974. Conditional use permit application for Hālawa Quarry, City & County of Honolulu.
- Environmental Communications, Inc. 1987. Final environmental impact statement for the proposed Waiawa development: Waiawa, Central O'ahu, Hawai'i. Gentry Companies.
- Fan, P.F. 1975. Sources and sediment yield pf Hawaiian watershed and coastal sediments. University of Hawai'i, Hawai'i Institute of Geophysics Contribution No. 707.
- Federal Water Pollution Control Administration, Southwest Region. 1971. Report on Pollution of the Navigable Waters of Pearl Harbor. U.S. Department of the Interior.

- Fok, Y.S. 1973. A preliminary report on flood hydrology and urban water resources: O'ahu, Hawai'i. University of Hawai'i Water Resources Research Center Technical Report 64.
- Fontaine, R.A., M.F. Wong, and I. Matsuoka. 1992. Estimation of Median Streamflows at Perennial Stream Sites in Hawai'i. U.S. Geological Survey Water0Resources investigations Report 92-4099.
- Ford, J.J. 1985. Unpublished field notes from stream surveys within the Waikele Branch of the Lualualei Naval Magazine. Hawaiian Agronomics, Inc.
- Fujimori, L. 2002. Project sprouts opportunities for seniors, disabled workers. Honolulu Star Bulletin. December 8.
- Fujiwara, T.O. 1973. Characterization of urban stormwater discharges from separate storm sewers. M.A. Thesis, University of Hawai'i Department of Civil Engineering.
- Fuke, Sidney. 1987. Petition for land use district boundary amendment and preliminary planning and environmental report for Waiawa planned community, Waiawa, Oʻahu, Hawaiʻi / prepared for Tom Gentry and Gentry-Pacific, Ltd.; prepared by Sidney Fuke and Alan Okamoto [and] Nakamoto, Yoshioka and Okamoto.
- Ford, J. 2002. Description of aquatic resources and environmental impact assessment for the HECO Waiau Pipeline Project, Pearl Harbor, O'ahu, Hawai'i. Geolnsight International. Inc. Appendix C *In:* Planning Solutions, Inc. 2002. Draft Environmental Impact Statement Waiau Fuel Pipeline Project. Hawaiian Electric Company, Inc.
- Fujioka, R.S. and L. S. Lau. 1987. A Virus Monitoring Program for Irrigating Sugarcane with Mililani Sewage Effluent. University of Hawai'i Water Resources Research Center Special Report 01:15:87.
- Fulton, L. 1993. Royal Kunia Sites 6 & 7, 146 Single –family detached dwellings at Kunia Road and Waikele Stream Mauka H-1 Freeway.
- George A.L. Yuen and Associates, Incorporated. 1988. Review and Re-Evaluation of Groundwater Conditions in the Pearl Harbor Groundwater Control Area, Oʻahu, Hawaiʻi. State of Hawaiʻi Commission on Water Resource Management Report R-78.
- Gerald Park Urban Planner and Awa and Associates LLC. 2004. Draft Environmental Assessment, Mililani Mauka District Park. City and County of Honolulu Department of Design and Construction.

- Giambelluca, T.W.1983. Water balance of the Pearl Harbor-Honolulu Basin, Hawai'i, 1946-1975. Ph.D. Dissertation, University of Hawai'i Department of Geography.
- Giambelluca, T.S., C.K. Leung, and R. Konda. 1987. Hawai'i Groundwater Contamination Data Base. University of Hawai'i Water Resources Research Center Special Report 12:18:87.
- Giambelluca, T.W., M.A. Nullet, and T.A. Schroeder. 1986. Rainfall Atlas of Hawai'i. State of Hawai'i Department of Land and Natural Resources, Division of Water and Land Development Report R76.
- Giambelluca, T.W., M.A. Ridgley, and M.A. Nullet. 1996. Water balance, climate change and land-use planning in the Pearl Harbor basin, Hawai'i. *Water Resources Development*12 (4):515-530.
- Gomers, A. 2002. Mililani mall to be sold to A&B. The Honolulu Advertiser. June 13.
- Gray, Hong & Associates, Inc. 1985. Environmental Impact Statement for Melemanu Woodlands Phase III [includes Preliminary Drainage Report].
- Gray, Hong, Bills & Associates.1997. 'Aiea Sugar Mill commercial development: final environmental impact statement, 'Aiea, O'ahu, Hawai'i TMK: 9-9-05: por. 10 and 25 / prepared for Crazy Shirts, Inc.
- Green, R.E. 1973. Herbicides from O'ahu agricultural watersheds in stream and estuarine sediments. University of Hawai'i Water Resources Research Center Water Resources Seminar Series No. 5, Part 2.
- Green, R.E.; Goswami, K.P.; Mukhtar, M; Young, H.Y. 1977. Herbicides from cropped watersheds in stream and estuarine sediments in Hawai'i. Journal of Environmental Quality 6 (2): 145-154.
- Group 70 International, Inc.. 2002. Environmental Assessment for Development Plan Land Use Map Change, Lani Properties, Aloha Market TMK (1) 9-9-03.68.
- Grovhoug, J.G. 1992. Evaluation of sediment contamination in Pearl Harbor. U.S. Naval Command Control and Ocean Surveillance Center technical Report 1502: San Diego.
- Guinther, E. and R.E. David. 2001. Biological resources survey of the Pu'uloa Pearl Harbor Naval Complex, Iroquois Point, Central O'ahu, Hawai'i. Earthtech, Inc. and the U.S. Department of the Navy.

- Guthier, R.D., C. Johnson, and P.J. Earley. 2001. Preliminary Ecological Risk Assessment for Nitrogen at Pearl Harbor Shipyard. U.S. Navy SPAWAR Systems San Diego, SSC San Diego Marine Environmental Quality Branch, Technical Report 1871.
- Halkola, H. 2003. Calibration and Validation of a Watershed Model (HSPF) to Aid Development of a TMDL for Navy Installations. U.S. Navy Space and Naval Warfare Systems Center San Diego, Environmental Security Technology Certification Program proposal.
- Haraga, R.K. 2003. Notice to Bidders (Kamehameha Highway Drainage Improvements, Vicinity of Waiau Power Plant Project No. 99E-01-03, District of 'Ewa, island of O'ahu. State of Hawai'i Department of Transportation.
- Harland Bartholomew and Associates 1958. Pearl Harbor Regional drainage study. U.S Naval District Public Works Office, Honolulu.
- Hawai'i Army National Guard. 2001. Integrated Natural Resources Management Plan for Four Sites, 2002-2006.
- Hawai'i District Office 1979. Plan of Study River-Quality Assessment of the Waikele Stream Basin, O'ahu, Hawai'i. U.S. Geological Survey.
- Hawaiian Agronomics International. 1986. Final report for flora, fauna and water resources survey of the Pearl Harbor area facilities, Hawai'i: Waikele Branch, Lualualei Naval Magazine and Waiawa water pumping facility.
- Helber, Hastert & Fee, Planners, Inc. 2002. Environmental Impact Statement Preparation Notice Koa Ridge, A Master Planned Community, Central O'ahu, Hawai'i. Castle & Cooke Homes Hawai'i, Inc.
- Highways Division. 1972. Final environmental statement: administrative action for Hālawa Heights Road, Hālawa Stream to Salt Lake Boulevard. State of Hawai'i Department of Transportation.
- Hirashima, G.T. 1965. Flow characteristics of selected streams in Hawai'i. U.S. Geological Survey and State of Hawai'i Division of Water and Land Development Report R-27.
- Hirashima, G.T. 1971. Availability of streamflow for recharge of the basal aquifer in the Pearl Harbor area, Hawai'i. U.S. Geological Survey Water-Supply Paper 1999-B. U.S. Government Printing Office: Washington, D.C.
- Hoover, D.J. 2002. Fluvial Nitrogen and Phosphorous in Hawai'i: Storm Runoff, Land Use, and Impacts on Coastal Waters. PhD dissertation (Oceanography), University of Hawai'i-Manoa.

- Hosaka, E.Y. 1937. Ecological and floristic studies in Kipapa Gulch, O'ahu Bishop Museum Occasional Paper 13: 175-232.
- Hufen, T.H., P. Eyre, and W. McConachie. 1980. Underground residence times and chemical quality of basal groundwater in Pearl Harbor and Honolulu aquifers, Oʻahu, Hawaiʻi. University of Hawaiʻi Water Resources Research Center Technical Report 129.
- Hunt, C.D. Jr. in press. Ground-water quality and its relation to land use on O'ahu, Hawai'i, 2000-2001. U.S. Geological Survey Water-Resources Investigations Report 03-4305.
- Howarth, F.G. 1994. Natural History of Hālawa Valley, report to Hawai'i State DOT H# project. Hawai'i Biological Survey.
- Ishikawa, S. 2002b. State land board reduces Central O'ahu plan. The Honolulu Advertiser. June 13.
- Ishikawa, S. 2002a. City gets \$20 million in water case settlement. The Honolulu Advertiser. January 17.
- IT Corporation. 2001. Draft step 3a evaluation: Waiawa Unit ecological risk assessment Pearl City Peninsula Landfill, Waiawa Unit, Oʻahu, Hawaiʻi / prepared for Department of the Navy, Commander, Pacific Division, Naval Facilities Engineering Command.
- Jones, B.L., R.H. Nakahara, and S.S.W. Chinn. 1971. Reconnaissance study of sediment transported by streams island of O'ahu. U.S. Geological Survey and State of Hawai'i Division of Water and Land Development Circular 33.
- Klieger, P.C. *Na Maka o Hālawa: A History of Hālawa Ahupua'a, O'ahu.* Honolulu: Bishop Museum Press, 1995. viii, 129 p. Hawai'i Historic Preservation Report 95-1. Prepared for State of Hawai'i Dept. of Transportation by Anthropology Dept., Bishop Museum. Also called *History of Hālawa Ahupua'a, O'ahu.*
- Khan, M.A.; Green, R.E.; Santo, L.; Isobe, M. 1976. Nitrate and water distribution in the soil under drip-irrigated sugarcane. Hawai'i Sugar Technology Report.
- Kinzie, R.A., C. Chong, J. Devrell, D. Lindstrom D. Moser and R. Wolff. 1997. Effect of Flow Regimes on productivity in Hawaiian Stream Ecosystems. Division of Aquatic Resources. Honolulu.
- Klasner, F. and C.D. Mikami. 2003. Land use on the island of O'ahu, Hawai'i, 1998. U.S. Geological Survey Water Resources Investigation Report 02-4301.

- Klasner, F. and S. Stephens. 2004. Inventory and Monitoring Program Pacific Island Network Monitoring Plan Phase 2 Draft. U.S. Department of Interior, National Park Service. http://www.nature.nps.gov/im/units/pacn/monitoring/plan/2004/
- Kojima. T. 2004. Region completes PCB clean up. Hawai'i Navy News (December 17). A-2.
- Ko'olau Mountains Watershed Partnership. Ko'olau Mountains Watershed Partnership Management Plan.
- Larson, S. 1973. A model of circulation and dispersion in Pearl harbor. U.S. Navy Naval Postgraduate School, Environmental Prediction Research Facility Technical Note 9; Monterey, CA.
- Lau, L.S. 1973. The quality of coastal waters: Second annual progress report. University of Hawai'i Water Resources Research Center Technical Report 77.
- Lau, L.S. et al. 1972. The quality of coastal waters: First annual progress report. University of Hawai'i Water Resources Research Center Technical Report 60.
- Lau, L. S. and J.F. Mink. 1995. Organic contamination of groundwater in Hawai'i: A learning experience revisited. University of Hawai'i Water Resources Research Center Contributed Paper CP-95-05.
- Li, Q.X., E-C. Hwang, and F. Guo. 2001. Occurrence of herbicides and their degradates in Hawaii's groundwater. *Bulletin of Environmental Contamination and Toxicology* 66:653–659.
- Li, Z.C.; Yost, R.; Green, R. 1998. Incorporating uncertainty in a chemical leaching assessment. Journal of Contaminant Hydrology 29: 285-299.
- Ling, G. 1996b. Assessment of Nitrate Leaching in the Unsaturated Zone on O'ahu. University of Hawai'i Water Resources Research Center Unedited Report 96-08.
- Ling, G. 1996a. Assessment of nitrate leaching in the unsaturated zone on O'ahu. Ph.D. dissertation, University of Hawai'i at Mānoa Department of Geology and Geophysics.
- Ling, G. A.I. El-Kadi, and K. Yabusaki. 1996. Assessment of Nutrient Use and Nitrate Contamination in Central O'ahu, Hawai'i. University of Hawai'i Water Resources Research Center Unedited Report 96-09.
- Lo, A., S.A. El-Swaify, E.W. Dangler, and L. Shinshiro. ????. Effectiveness of El30 as an erosivity index in Hawai'i. In: Soil Conservation Society of America. Soil Erosion and Conservation.

- Loague, K.M.; Green, R.E. 1989. Uncertainty in a pesticide leaching assessment for Hawai'i. Journal of Contaminant Hydrology.
- Loague, K., R.N. Miyahira, D.S. Oki, R.E. Green, R.C. Schneider, and T.W. Giambelluca. 1994. Field experiments and laboratory analysis. (Chemical Leaching Near the Waiawa Shaft, Oʻahu, Hawaiʻi, part 1). Ground Water; November 01, 1994.
- Lum, C. 2002. Missing farmer found dead. The Honolulu Advertiser. March 19.
- Mainland, G.B. 1939. Gobiodea and fresh water fish on the island of O'ahu. University of Hawai'i MA Thesis. Zoology.
- Makagon, J. 2003. GIS Mapping of Portions of Kapakahi Stream, Honolulu, HI. State of Hawai'i Department of Health, Environmental Planning Office.
- Manglallan, E.P. 1994. Water quality baseline study and non-point source pollution analysis on Waikele Stream, West Loch Estuary, Oʻahu, Hawaiʻi. M.A. Thesis, University of Hawaiʻi-Mānoa Department of Civil Engineering.
- Magnuson, C.M. and M.J. Tomonari-Tuggle. 2002. Historical and archaeological assessment for the proposed Waiau fuel pipeline, 'Ewa District, island of O'ahu. Appendix F *In:* Planning Solutions, Inc. 2002. Draft Environmental Impact Statement Waiau Fuel Pipeline Project. Hawaiian Electric Company, Inc.
- Marine Tech and Oceanography students. 1971-1981. Various results from water quality investigations of streams running into Pearl Harbor. Leeward Community College.
- Mink, J.F. and L.S. Lau. 1990. Aquifer Identification and Classification for O'ahu: Groundwater Protection Strategy for Hawai'i. University of Hawai'i Water Resources Research Center Technical Report No. 179 (Revised).
- Murabyashi, E.T. 1979. Urbanization-induced impacts on infiltration capacity and on rainfall-runoff relation in an Hawaiian urban area. TR 127.
- Naval Ocean Systems Center. 1979. Marine Environmental Assessment at Three Sites in Pearl Harbor, O'ahu, August October 1978, Technical Report 441. San Diego, California.
- Nichols, W.D., P.J. Shade. And C.D. Hunt, Jr. 1996. Summary of the O'ahu, Hawai'i Regional Aquifer-System Analysis. U.S. Geological Survey Professional Paper 1412-A.
- Nystedt, R.P. 1977. Navy's program Results in Navy Action '77, Environmental Conference on Erosion and Tributary Flow [for Pearl Harbor], October 13-24, Airport Holiday Inn, Honolulu.

- Oceanit, Inc. 2002. Waikele Stream Total Maximum Daily Load Study Final Report. State of Hawai'i Department of Health.
- Office of Planning. 2002. Testimony of the Office of Planning in Partial Support of the Petition. State of Hawai'i Land Use Commission Docket No. A00-734. In the Matter of Petition of Castle and Cooke Homes Hawai'i, Inc. and Pacific Health Community, Inc. State of Hawai'i Department of Business, Economic Development, and Tourism.
- Ogden Environmental and Energy Services. 2001. USEPA step 3b problem formulation and scientific management decision point (B); USEPA step 4 study design and DQO process and scientific management decision point (C) for BERA in Pearl Harbor sediment RI. Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, Hawai'i.
- Ohira, R. 2002. Groups oppose plan to divert ditch's water. The Honolulu Advertiser. May 22.
- Oki, D.S. et al. 1990. Assessment of the potential for groundwater contamination due to proposed urban development in the vicinity of the U.S. Navy Waiawa Shaft, Pearl Harbor, Hawai'i. Special report / Water Resources Research Center, University of Hawai'i at Mānoa; 03.02.90.
- Oki. D.S. 1987. Modeling drainage flux in pineapple cultivation areas of central O'ahu and its impact on EDB transport in the unsaturated zone. Theses for the degree of Master of Science (University of Hawai'i at Mānoa). Civil Engineering; no. 2338.
- Oki, D.S. 1997. Geohydrology of the central O'ahu, Hawai'i, ground-water flow system and numerical simulation of the effects of additional pumping. Water-resources investigations report; 97-4276.
- Or, S. 1988. Modeling of Trace Organic (DBCP) Transport in Pearl Harbor Aquifer, O'ahu, Hawai'i: Method of Characteristics, Phase II. TR 176.
- The Pacific Cooperative Studies Unit, August 2004, *U.S. Army Garrison Hawai'i O'ahu Training Areas Natural Resource Management Final Report*, Prepared for the U.S. Army Garrison Hawai'i Directorate of Public Works Environmental Division.
- Pacific Health Communities, Inc. 2002. Plan Review Use Application Pacific health Center at Koa Ridge Makai.
- Pacific Naval Facilities Engineering Command. 2002. CWB-WQC Application for Special Project R18-96 Repair Bulkhead K12 Fleet and Industrial Supply Center, Pearl Harbor, Hawai'i (May). State of Hawai'i Department of Health.

- Park Engineering, Inc. 1975. Final environmental impact statement for Kalauao Stream flood control project / prepared by Park Engineering, Inc. for Dept. of Public Works, City and County of Honolulu, Honolulu, Hawai'i.
- Park Engineering, Inc. 1983. Pearl Harbor brackish water study. City and County of Honolulu Board of Water Supply.
- Pearl Harbor 21 Service Leadership Program. 2001. Clean Water Act 319(h) Nonpoint Source Pollution Control Program Watershed Final Report for the Pearl Harbor Watershed Environmental Restoration Projects. University of Hawai'i Leeward Community

 College. http://emedia.leeward.hawaii.edu/oceanography/data/data.html
- Pearl Harbor Estuary Program Interagency Committee. 1991. Pearl Harbor Assessment Report (draft). State of Hawai'i Department of Health.
- Penn, D. 2003a. Synopsis of May 15, 2003 field visit to Ford Island (Memo from Environmental Planning Office to E. Chen, Clean Water Branch, dated May 22, 2003). State of Hawai'i Department of Health.
- Penn, D. 2003b. Kalo'i Gulch Reconnaissance Report (dated 09/25). State of Hawai'i Department of Health.
- Planning Solutions, Inc. 2002. Draft Environmental Impact Statement Waiau Fuel Pipeline Project. Hawaiian Electric Company, Inc.
- Pochereva, M. 2000. Fishing for ocean pollutants. Hawai'i Ocean Industry and Shipping News (October-November). http://www.hawaiiocean.com/HOI_Archives/HOI_2000-10/index.html#Oceanpollutants
- Pollution Investigation and Enforcement Branch. 1979. Pearl Harbor Middle Loch Water Quality Survey Intensive Survey Report. State of Hawai'i Department of Health, Environmental Protection and Health Services Division.
- Porvaznik, S.M., D.J. Smith, and M.B. Sonnen. 1974. Validation and Sensitivity Analyses of Stream and Estuary Models Applied to Pearl Harbor, Hawai'i An Intermediate Technical Report. Water Resources Engineers, Walnut Creek, CA.
- Porvaznik, S.M., and K. Iceman. 1975. Application of the Dynamic Estuary Model to Pearl Harbor, Hawai'i in Conjunction with the Establishment of Waste Load Allocations. Water Resources Engineers, Walnut Creek, CA.
- Postwar Planning Division. 1944. Territory of Hawai'i Department of Public Works. Waimano home.

- Presley, T.K. 2002. Rainfall, streamflow, and water-quality data during stormwater monitoring, Hālawa Stream drainage basin, Oʻahu, Hawaiʻi, July 1, 2001 to June 30, 2002. U.S. Geological Survey Open-File Report 02-319.
- Reinhart, A.E. 2000. Assessment of and Potential to Reduce Nitrate Leaching in the Pearl Harbor Watershed. Ph.D. dissertation, University of Hawai'i-Mānoa Department of Agronomy and Soil Science.
- Reinhart, A. and Yost. 2001. R. A Tale of Two Systems. http://cropandsoil.oregonstate.edu/nm/WCC103/2001 Proceedings/A Tale of Two -Reinhart.pdf
- R.M. Towill Corporation. 1996. Waikele Elementary School, Waikele, 'Ewa District, Island of O'ahu, Hawai'i: draft environmental assessment with anticipation of negative declaration /prepared for Department of Accounting and General Services, State of Hawai'i.
- Rosati, J. 2002. Letter dated June 27 to Calvin Oda (Del Mote Fresh Produce) Re: Preliminary Design Report, Basal Aquifer Source Control, Del Monte Corporation (O'ahu Plantation) Superfund Site.
- Rosendahl, P.H., Inc. 2002. Cultural Impact Assessment Study, HECO Waiau Fuel Pipeline Project. Appendix G *In:* Planning Solutions, Inc. 2002. Draft Environmental Impact Statement –Waiau Fuel Pipeline Project. Hawaiian Electric Company, Inc.
- Sam Chang Architect & Associates, 1985. Waiawa Corporation Yard, master plan report: Waipuna Avenue, Pearl City, TMK: 9-6-01:8.
- Sanderson, M, ed. 1993. Prevailing Trade Winds Weather and Climate in Hawai'i. University of Hawai'i Press: Honolulu.
- Saunders, P.E. 1975. Waimano Stream flood control project, Pearl City, Hawai'i: hydraulic model investigation: final report. U.S. Army Engineer Division, Pacific Ocean, Honolulu, Hawai'i.
- Schroeder, P.R. and M.R. Palermo. 2000. Long-term management strategy for dredged material disposal for Naval Facilities at Pearl Harbor, Hawai'i. U.S. Army Corps of Engineers Engineer Research and Development Center, Environmental Laboratory ERDC/EL SR-00-3.
- Schuyler, J.D. and G.F. Allardt. 1889. Culture of Sugar Cane: Report on Water Supply for Irrigation on the Honouliuli and Kahuku Ranches, Island of O'ahu, Hawaiian islands: Oakland.

- Soil Conservation Service. 1981. Erosion and Sediment Control: Guide for Hawai'i. U.S. Department of Agriculture.
- Stanley, C.D.; Green, R.E.; Khan, M.A.; Santo, L.T. 1990. Nitrogen fertilization rate on soil nitrate distribution for microirrigated sugarcane. Soil Science Society of America Journal: 54 (1):217-222.
- Stanton, F.G. 2001. Environmental monitoring in the West Loch Shoreline Park ponds: A summary of three semesters' work by the students of the Environment and Ecology course at Leeward Community College. In: Pearl Harbor 21 Service Leadership Program. 2001.
- Star-Bulletin staff. 2002a. Mililani Mauka's final phase approved. Honolulu Star-Bulletin. May 30.
- Star-Bulletin staff. 2002b. Rain disrupts electricity, traffic, phones across isles. Honolulu Star-Bulletin. October 16.
- Stearns, H.T. and K.N. Vaksvik. 1935. Geology and ground-water resources of the island of O'ahu, Hawai'i. Territory of Hawai'i Department of Public Lands, Division of Hydrography Bulletin 1.
- Stephenson, M. et. al. 1988. Report on TBT in San Diego harbor. California Department of Fish and Game, Moss Landing Marine Laboratories (Draft).
- Study Element Team 3.7 Water Quality. 1975. Water Quality Hawai'i Water Resources Regional Study.
- Sunn, Low, Tomm, and Hara, Inc. 1971. Water quality program for O'ahu with special emphasis on waste disposal. Final Report Work Area 3 Projections of other pollutant loads. City and County of Honolulu Department of Public Works.
- Swain, L.A. 1974. Chemical quality of ground water in Hawai'i. State of Hawai'i Department of Land and Natural Resources, Division of Water and Land Development Report R48.
- Tannahill, P. 2004. Waiawa Stream Background Information and Habitat Assessment. State of Hawai'i Department of Health.
- Technical Committee on Nonpoint Source Pollution Control. 1978. Nonpoint Source Pollution in Hawai'i Assessments and Recommendations. State of Hawai'i Department of Health Technical Report No. 2.

- Tenorio, P., R.H.F. Yung, and H.C. Whitehead. 1969. Identification of irrigation water to the subsurface: water quality. University of Hawai'i Water Resources Research Center Technical Report No. 33.
- Tenorio, P. and R.H.F. Young. 1971. Hydrologic balance in the Pearl Harbor basin. University of Hawai'i Water Resources Research Center Technical Memorandum 28.
- Territorial Planning Board 1939. Summary of Records Surface-Water Resources of the Territory of Hawai'i 1901-1938. Territory of Hawai'i.
- The Natural Resource Trustees for Pearl Harbor, Oʻahu, Hawaiʻi. 2002. Final Restoration Plan and Environmental Assessment for the May 14, 1996 Chevron Pipeline Oil Spill into Waiau Stream and Pearl Harbor, Oʻahu, Hawaiʻi. U.S. Department of Defense, U.S. Department of the Navy.
- Tomlinson, M.S. and L.D. Miller. in press. Water quality of selected streams on the island of O'ahu, Hawai'i, 1999-2001 The effects of land use and ground-water/surfacewater interactions. U.S. Geological Survey Water-Resources Investigation Report 04-5048.
- Unabia, C.R.C., T. Michael, and C.M. Smith. 1999. Structure and carbohydrate chemistry of biofilm surfaces in relation to settlement patterns of *Hydroides elegans* and *Enteromorpha flexuos*a. Abstracts 10 th International Congress on Marine Corrosion and Fouling: The University of Melbourne, Australia 7-12 February 1999. http://www.dsto.defence.gov.au/corporate/conferences/icmcf/abstracts.html
- United States. Army. Corps of Engineers. 1970. Detailed project report: flood control improvements for 'Aiea Stream, 'Aiea, O'ahu, Hawai'i: prepared under authority of Section 205 of the Flood control act of 1948 as amended. Honolulu, U.S. Army Engineer District, Honolulu.
- U.S. Environmental Protection Agency. nda. Proceedings Conference in the Matter of Pollution in the Navigable Waters of Pearl Harbor and its Tributaries in the State of Hawai'i, September 21-31, 1971, San Francisco, California.
- U.S. Environmental Protection Agency. ndb. Transcrip of Proceedings Technical Session of the Conference in the Matter of Pollution in the Navigable Waters of Pearl Harbor and its Tributaries in the State of Hawai'i, June 5-6, 1972, San Francisco, California.
- U.S. Environmental Protection Agency. 1971. The Hawai'i Sugar Industry Waste Study.
- U.S. Fish and Wildlife Service. 1975. Unpublished field notes of Waikele stream and estuarine surveys. Division of Ecological Services Insular Stream Survey.

- U.S. Geological Survey. 1971. Index of Surface-Water Records to September 30, 1970. Part 16 Hawai'i and Other Pacific Areas. Geological Survey Circular 666.
- United States. Navy. 14th Naval District. 1971. Pearl Harbor pollution model study.
- Visher, F.N. and J.F. Mink. 1964. Ground-water resources in southern O'ahu, Hawai'i. U.S. Geological Survey Water Supply paper 1778.
- VTN Pacific. 1977. Environmental impact statement for the 'Aiea Stream flood control project, 'Aiea, O'ahu. Department of Public Works, City and County of Honolulu.
- VTN Pacific. 1978. Revised environmental impact statement for the Hālawa Stream maintenance dredging project, Hālawa, Oʻahu, Hawaiʻi.
- Wahiawā Hospital Association to acquire land for new facility. Pacific Business News. August 2, 2001. pacific.bizjournals.com/pacific/stories/2001/07/30/daily56.html.
- Waihuna Joint Venture. 2002. Stream Channel Alteration Permit SCP-OA-336 Excavate and Construct CRM Lining Waikakalaua Stream, Mililani, O'ahu TMK: 9-5-02:-25. State of Hawai'i Commission on Water Resource Management.
- Wastewater Branch. 1996. Guidelines for Livestock Waste Management. State of Hawai'i Department of Health.
- Water Engineering and Technology. 1991. Nonpoint Source Sediment Pollution Investigation of the Pearl Harbor Drainage Basin. Pearl Harbor Estuary Program Interagency Committee.
- Water Resources Engineers. 1973a. Data report for the Pearl Harbor system of Hawai'i. U.S. Environmental Protection Agency, Systems Development Branch.
- Water Resources Engineers. 1973b. Validation and Sensitivity Analyses of Stream and Estuary Models Applied to Pearl Harbor, Hawai'i. U.S. Environmental Protection Agency.
- Wentworth, C.K. 1945. Geology and ground-water resources of the Pearl Harbor district. Honolulu Board of Water Supply.
- Wil Chee Planning, Inc. Botanical Study and Classification for Wetland Trail at Hickam Air Force Base (HAFB) for the Legacy Resource Management Program, O'ahu, Hawai'i.
- Wilson, Okamoto & Associates. 1988. Conceptual master plan and final environmental impact statement, 'Aiea Bay State Recreation Area, 'Aiea, O'ahu, Hawai'i.

- Wilson, Okamoto & Associates. 2002. Environmental Assessment City & County of Honolulu Collection System Maintenance Baseyard.
- Wong, D.D.M. 1972. The study of an urban soil-loss equation its use in predicting soil erosion from urban construction sites in Hawai'i. University of Hawai'i.
- Wood, H.B. 1971. Land use effects on the hydrologic characteristics of some Hawai'i soils. Journal of Soil and Water Conservation 26(4):158-160.
- Yamane, C.M. and M.G. Lum. 1985. Quality of storm-water runoff, Mililani Town, O'ahu, Hawai'i, 1980-1984. U.S. Geological Survey Water-Resources Investigations Report 85-4265.
- Yim, S.K. and G.L. Dugan. 1975. Quality and quantity of nonpoint pollution sources in rural surface water on O'ahu, Hawai'i. University of Hawai'i Water Resources Research Center Technical Report No. 93.
- Young, R.H.F. 1978. Urban storm water runoff in Hawai'i. University of Hawai'i Water Resources Research Center Contributed Paper CP-78-01.
- Zhou, Z. and R.W. Babcock, Jr. 2001. Effects of Reclaimed Water on Two Golf Courses Located Over a Potable Aquifer in Central O'ahu. University of Hawai'i Water Resources Research Center Unedited Report 2001-02.

This page intentionally left blank.

FINAL REPORT – MAY 2007