

W. ROY HARDY
Resume

**WORK
EXPERIENCE:**

HYDROLOGIC PROGRAM MANAGER (Full-time, 8/87 to present)

State of Hawaii, Dept. of Land & Natural Resources, COMMISSION ON WATER RESOURCE MANAGEMENT, P.O. Box 621, Honolulu, HI 96809: Work relating to water management for the State. Responsible for: ground water regulation branch, formulation and implementation of administrative rules to the State Water Code, 174C-HRS; processing and review of well construction, pump installation, stream protection, and water use permits and related construction standards; hydrologic review concerning ground water including numerical ground water model design; design & construction of monitoring networks & various engineering projects related to the Department. From 1998 to 2007 also managed the Department's Information Technology Office (ITO). ITO is responsible for all DLNR IT hardware and software purchases and implementation, which includes local and wide area networking within and between DLNR divisions, Geographic Information Systems (GIS) development and coordination, departmental email, application programming services, Internet security, and web page development. Presently in a second term as Acting Deputy to the Commission since Feb '15.

RESEARCH ASSISTANT (Full & Part-time, 1/86 - 7/87)

WATER RESOURCE RESEARCH CENTER, University of Hawaii, Honolulu, HI 96822: Responsible for the Honouliuli Wastewater Recharge Project in Southern Oahu. Work included design & construction of observation wells and irrigation plots, groundwater and wastewater quality analysis, and ground water transport model design.

INTERN ENGINEER (Full-time, Summer '84)

City & County of Honolulu, DEPARTMENT OF PUBLIC WORKS, 650 South King St., Honolulu, HI 96813: Responsibilities included tracking and responding to trouble calls, field investigation, inspection, and analysis for public and private sewer system construction and maintenance. Formulated a safety program for the field workers.

INTERN ENGINEER (Full-time, 1/84 - 3/84)

GEORGE S. NOLTE & ASSOC., 1713 N. First St., San Jose, CA, 95051: Worked in the Water Resources Division of this private firm. Work included wastewater treatment plant analysis, drainage system design, and water distribution system design in the San Jose area. Also, worked on flood analysis for the City of San Diego gathering data for use in HEC-1 modeling.

CONSTRUCTION WORKER (Full-time, Summers '81, '82)

WINDWARD PARTNERS, LTD., 2410 A Makiki Hts. Dr., Honolulu, HI, 96822: Worked as laborer for subdivision development that included roadwork, utility, and drainage infrastructure construction.

SURVEYING (Full-time, Summers '79, '80)

R.M. TOWILL CORP., 420 Waiakamilo Rd. Suite 411, Honolulu, HI 96817: Responsible for basic rodman field duties in performing property, route, construction, topographic, hydrographic, and control surveys.

EDUCATION:

1992, P.E. License, No. 7548-C, *State of Hawaii, Department of Commerce & Consumer Affairs,*
1987, M.S. Civil Engineering, Water Resources, *University of Hawaii*
1984, B.S. Civil Engineering, *University of Santa Clara*
1980, High School Diploma, *Punahou*