

Roy K. Abe

<u>Objective</u>	Perform community service in the environmental field, with an emphasis on enhancing freshwater and nearshore/coastal water quality and ecosystems.
<u>Education</u>	University of California at Berkeley, M.S., Sanitary and Environmental Engineering, University of Hawaii at Manoa, B.S., Civil Engineering,
<u>Registration</u>	Civil Engineer, Hawaii, Certificate No
<u>Employment</u>	
1987 – current	Hawaii Pacific Engineers, Inc./HDR Engineering, Inc. (HDR acquired HPE in 2007) Vice President – 1991 to 2015, Senior Project Manager (semi-retired) – 2016 to present.
1980 – 1986	M&E Pacific, Inc. (Currently AECOM following acquisition of M&E) Project Engineer
<u>Professional Affiliations</u>	Hawaii Water Environment Association/Water Environment Federation (Past HWEA President, 1997), American Society of Civil Engineers, American Water Works Association
<u>Professional Experience</u>	Approximately 40 years of experience primarily in sanitary and environmental engineering, including planning, design and environmental permitting for wastewater and water infrastructure projects.
<u>Selected Project Experience</u>	<p><u>City and County of Honolulu</u></p> <ul style="list-style-type: none"> Update of Wastewater Design Standards (Vol. 1 - Sewers, Pump Stations) Design Standards (Vol. 2 - Wastewater Treatment Plants) Sand Island Wastewater Treatment Plant (WWTP) Optimization Studies Permit Applications for NPDES Permits and 301(h) Secondary Treatment Waiver Waimanalo Wastewater Facilities Plan Study and EIS Mililani Reclamation Facility Feasibility Study Mililani Headworks Facility Design & Environmental Assessment (EA) Waimalu Sewer Rehabilitation/Reconstruction Study, Design and EA Waikapoki Wastewater Pump Station Force Main Study, Design and EA Cesspools and Individual Onsite Systems Standards Development <p><u>County of Maui</u></p> <ul style="list-style-type: none"> Kihei Wastewater Reclamation Facility Process Evaluation and Capacity Study Wastewater Pump Station Upgrade Design - Kahului, Lahaina, Kihei, Kuau, Kaunakakai Lahaina-Alaeloa and Honokohau Water Study and Honokahua Well "B" EA <p><u>County of Kauai</u></p> <ul style="list-style-type: none"> Waimea WWTP Expansion, Phase 1, Design Eleele WWTP Expansion Preliminary Engineering, Design and O&M Manual Septage Management Study <p><u>State of Hawaii</u></p> <ul style="list-style-type: none"> Design of Various School Septic Tank Systems -- Mountain View, Kilauea and Waialua Wastewater Treatment Operator Training Center Study and Design Honolulu Harbor Pier 31-34 Sewage Collection Improvements <p><u>Federal Agencies</u></p> <ul style="list-style-type: none"> Hawaii Fruit Fly Rearing Facility Master Plan and Wastewater Study Marine Corp Base Hawaii Effluent Reuse Study Fort Kamehameha Outfall and Ford Island Force Main MCON Funding Documents Pearl Harbor Sewage Spill Prevention, Containment and Response Plan Water/Wastewater Base Closure Contingency Plan, Barbers Point Naval Air Station Drainage Studies for Pacific Missile Range and Mana Plain Johnston Island WWTP Design