

AMY CLAIRE DEMPSEY, M.A.

President/Principal Investigator/Owner
Bioimpact, Inc.

Education:

M.A. Biology, 1984 (University of Texas)

B.A. Biology, 1979 (University of Texas)

Professional Registrations, Certifications

E.P.A. Certified Laboratory Analyst

E.P.A. Certified Water Sampler

National Wetland Science Training Cooperative Certified

Wetland Delineator

P.A.D.I. Dive Instructor

Fields of Specialization

Amy Claire Dempsey, has been president and owner of **BIOIMPACT, INC.** a Virgin Islands Corporation, licensed to do business in the Virgin Islands since 1986. She is qualified to conduct and prepare both terrestrial and marine environmental assessment reports as required by the Department of Planning and Natural Resources, Division of Coastal Zone Management, and U.S. Army Corps of Engineers. She is experienced in the establishment of wetland jurisdictional limits for the U.S. Corps of Engineers and is experienced in the creation and implementation of wetland mitigation programs. Ms. Dempsey is experienced in the development and implementation of water quality monitoring programs, and long term photographic monitoring of the benthic community. Ms. Dempsey is highly experienced in underwater video and inspection. Ms. Dempsey is experienced in the preparation and implementation of coral transplanting programs. Ms. Dempsey is a certified laboratory analyst and is assistant laboratory director of Ocean Systems Research, Inc., an E.P.A. Certified Laboratory.

Professional Experience

Large Scale Water Quality and Benthic Monitoring Studies

Development and implementation of the Water Quality Monitoring and Coral Transplant Monitoring for Improvements to the Frederiksted Pier for the Virgin Islands Port Authority.

Development and implementation of the Water Quality Monitoring and Seagrass Transplanting for the Dredging of the Charlotte Amalie Harbor for the Virgin Islands Port Authority.

Development and implementation of the Water Quality Monitoring Program for the Dredging and Filling of the Expanded Third Port Facility for the Virgin Islands Port Authority.

Development and implementation of the Water Quality Monitoring Program for the construction of the GCL Cable Landing Facilities, and Placement of Submarine Cables

Mitigation Programs

Implementation of the Coral Transplant for the development of the Enighed Pond Marine Terminal Facility, St. John, contract to the Virgin Islands Port Authority

Implementation of the Coral Transplanting for the installation of the Mangrove Lagoon Sewage Outfall for LTI, contracted to the Virgin Islands Department of Public Works.

Development and implementation of a plan for the creation of 2.8 acres of wetland for the Virgin Islands Port Authority

Development and implementation of a plan for the transplanting of one-quarter acre of seagrass for the Virgin Island Port Authority

Development and implementation of a plan to transplant coral for the Frederiksted Pier improvements for the Virgin Islands Port Authority.

Development and implementation of a plans for the creation of wetlands and enhancement of wetlands for the Puerto Rico Highway and Transit Authority for PR 20, PR 5, PR 22 and Tren Urbano.

Environmental Assessment Reports

Since 1986, Ms. Dempsey has worked on over 100 Environmental Assessment Reports in the U.S. Virgin Islands, as well as, Puerto Rico, Florida, and the British Virgin Islands. The scope of projects range from major industrial activities, hotels, and marine facilities to mariculture farms and artificial reef creation.

Phase I Environmental Assessments/Hazardous Materials Sampling

Ms. Dempsey has served as principal field investigator and sampler with Bioimpact, Inc., Ocean Systems Laboratory, Inc. and Environmental Testing and Evaluation, for the sampling of lead, copper, asbestos, pesticides, hydrocarbons, PCB's and other hazardous materials.

Diver Surveys

Ms. Dempsey has conducted diver surveys for cable landings, harbor obstructions, piling and bulkhead inspections, and vessel damage.

Primary Area of Expertise

Ms. Dempsey has served as principal field investigator for the last 10 years with Bioimpact, Inc. Her responsibilities include field surveys, identification of fauna and flora, both terrestrial and marine, underwater photography, inspection and video, wetland determinations, and the development of mitigation and monitoring programs. She has worked diligently with clients to help develop environmental sensitive projects, which in turn help facilitate permitting.

Teaching Experience

Ms. Dempsey has taught Oceanography, as well as labs in Estuarine Ecology and Marine Microbial Ecology.