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Résumé

Paul L. Hundley, Jr., P.E., LEED AP
Project Manager and Engineer for Aquaculture Systems and Facilities

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SUMMARY

Mr. Hundley is a Professional Aquacultural Engineer specializing in Planning, Analysis, Design, Construction and Operations Support for farm-raised seafood, fish hatcheries, aquatic animal life support, aquaponics and related research, development and education facilities. These include:

- Aquaculture Teaching Laboratories
- Aquaponic Production Facilities
- Aquatic Animal Life Support Systems
- Broodstock Conditioning & Development Centers
- Finfish, Shellfish & Shrimp Hatcheries
- Influent & Effluent Water Treatment
- Live Feed Systems – Algae & Zooplankton
- Live Seafood Logistics Centers
- Marine Environmental Laboratories
- Recirculating Aquaculture Systems & Facilities
- Seawater Intake, Storage & Delivery Systems
- Zebrafish & other Aquatic Animal Laboratories

His company HTH Engineering & Equipment LLC offers the services of an international group of experienced and dedicated aquaculture and aquacultural engineering professionals. Project offices are in the United States and Canada with affiliates in South America and Europe. HTH provides practical, experienced-based system design, integration, fabrication and installation services from prototype to pilot-scale to high volume production systems. Products and services include:

- Biosecurity, Fish Health and Water Quality Evaluations
- Business Plan Development and Market Studies
- Construction Quality Control, System Startup and Process Validation
- Facility Condition and Production Efficiency Assessments
- Financial Due Diligence and Pro Forma Assessments
- Genetics Management and Development
- Planning and Design of Systems and Facilities
- Project and Venture Feasibility Studies
- Site Selection and Site Development Design
- Training and Startup Operations
- Value Chain Optimization

EDUCATION

B.S. Ocean Engineering, August 29, 1975; Florida Atlantic University; Boca Raton, Florida
M.S. Mechanical Engineering, August 16, 1986; University of South Carolina; Columbia, SC

REGISTRATION

Professional Engineer, Mechanical, South Carolina, 1981; also registered in FL, MD and VA.
Leadership in Energy & Environmental Design (LEED) Accredited Professional, 2009, U.S. Green Building Council.

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PROFESSIONAL EXPERIENCE

HTH Engineering & Equipment, LLC, Hiawassee, GA, January 2012 to Present
President and Manager of Aquaculture Systems and Facilities for aquaculture and aquacultural engineering services company. HTH provides system planning, design and process integration; facility and infrastructure design coordination; on-site construction management; and operation, maintenance and improvement support. Services include business development support; probable cost opinions; RAS engineering and design; water quality, fish health, bio-security and aquaculture production assessments; facility condition, value chain and pro forma financial assessments.

HDR Engineering, Inc., Springfield, IL, September 2007 to January 2012
Project Manager and Project Engineer for national fisheries and aquacultural consulting engineering services program. Responsibilities include process design, systems integration, applied equipment design, system commissioning, O&M documentation, training, system performance assessments and facility condition assessments. Expertise includes design of batch, flow-thru, partial reuse and recirculating aquaculture systems for both marine and fresh water systems as well as design of related facilities and infrastructure.

Applied Aquatics, Inc., Mt. Pleasant, SC, January 1995 to September 2007
President and Principal Engineer responsible for all operational aspects of an aquacultural consulting engineering company, including 5 years as a subsidiary of RMF Engineering, Inc. Products and services include project management, process design, systems integration, applied equipment design, system commissioning, O&M documentation, training, system performance assessments and facility condition assessments. Completed projects include hatchery, nursery, growout, holding and display systems as well as design of related facilities and infrastructure to accommodate various marine and fresh water crustaceans, finfish and shellfish.

Life Cycle Engineering, Inc., Charleston, SC, 1992 to 1995
Project Manager, Reliability Engineer, Planned and Predictive Maintenance Engineering Specialist

Atlantic LittleNeck ClamFarms, Charleston, SC, 1988 to 1992
Consulting Engineer, Resident Engineer, Commissioning Engineer and Director of Engineering

Mechanical, Electrical and Plumbing Engineering, Charleston, SC, 1984 to 1989
Rast & Associates Inc., Jordan, Jones & Goulding Inc., Engineering Technology Inc.

Naval Architecture and Marine-Mechanical Engineering, Charleston, SC, 1977 to 1984
M. Rosenblatt & Son Inc., Life Cycle Engineering Inc.

Industrial Water Treatment, Southeast Florida, 1976 to 1977
Field Engineer for The Mogul Corporation

PROFESSIONAL AFFILIATIONS

Aquacultural Engineering Society, 1994 to date, served various terms on Board of Directors, currently reviews manuscripts for Aquacultural Engineering journal.
Aquaponics Association, 2013 to date
Aquatic Animal Life Support Operators, current member, first joined in 2000.
Association of Marine Laboratories of the Caribbean, 2013 to date.
Fish Farming News, 1998 to date, contributing writer and columnist for “Systems Engineering”.
International Conference on Recirculating Aquaculture, 1996 to date, several presentations and reports
Northeast Regional Aquaculture Center, 2003 to 2005, served on Industry Advisory Committee.
World Aquaculture Society, current member, first joined in 1988.

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