

COLONEL LEN WATERWORTH (USA, RET.)

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RECENT EXECUTIVE EXPERIENCE

EXECUTIVE PROFESSOR, MARITIME ADMINISTRATION;
ASSOCIATE DIRECTOR FOR OUTREACH, CENTER FOR TEXAS BEACHES AND SHORES
TEXAS A&M UNIVERSITY AT GALVESTON

EXECUTIVE DIRECTOR, PORT OF HOUSTON AUTHORITY
(Houston, TX) — 2012 to 2014

PRESIDENT/CEO, DANNENBAUM ENGINEERING COMPANY
(Houston, TX) — 2007 to 2012

DISTRICT ENGINEER/COMMANDER, UNITED STATES ARMY CORPS OF ENGINEERS
(Galveston, TX) — 2001 to 2004

EDUCATION

STRATEGIC/OPERATIONAL/TECHNICAL

Master in Strategic Studies — 2000

U.S. Army War College
Carlisle, Pennsylvania

Master of Engineering Administration — 1990

George Washington University
Washington, D.C.

Bachelor of Science of Civil Engineering — 1979

New Mexico State University
Las Cruces, New Mexico

WORK HISTORY

PLATOON LEADER, FORT BLISS, TEXAS
(1979-1981)

Planning, training, and resourcing 40 Combat Engineers of the 3rd Armored Cavalry Regiment for military operations. Additional duties: Nuclear, Biological and Chemical Officer, Physical Security Officer, and Mess Officer.

ASSISTANT OPERATIONS OFFICER, FORT BLISS, TEXAS
(1981-1982)

Responsible for the day-to-day activities of a 1,200-man organization to include: Status Reports, training budgets, training programing, and inspections.

COMPANY COMMANDER, D/52, FORT BLISS, TEXAS
(1983-1984)

Provided leadership for 180 soldiers of a military construction company responsible for construction at Fort Bliss, Texas. Responsible for 96 pieces of heavy engineer equipment. Supervised budget, performed quality control, and ensured timely completion of construction projects.

COMPANY COMMANDER, 43RD, FORT BLISS, TEXAS
(1984-1985)

Provided leadership for 193 soldiers of the 3rd Armored Cavalry Regiment preparing for military operations. Responsible for 63 pieces of equipment and provided the Regimental Commander engineer planning and execution recommendations.

**INTERN, OFFICE OF THE JOINT CHIEFS OF STAFF,
PENTAGON**
(1985-1986)

Responsible for the Civil Engineering Support Plan (CESP) data system, a system that would identify available and needed infrastructure in times of operational requirements anywhere in

PROFESSIONAL DEVELOPMENT OFFICER, ALEXANDRIA, VIRGINIA
(1986-1988)

the world. Prepared working papers on engineering and construction matters for a complex inter-service organization.

Responsible for the professional development programs of over 5,200 Engineer Offices. Coordinated the Army Advance Civilian Schools Program to include fully-funded Doctoral and Masters-level civil schooling, Military Academy Instructor program, and Fellowship.

PERSONNEL ASSIGNMENTS OFFICER, ALEXANDRIA, VIRGINIA
(1988-1989)

Human resource manager for over 1,800 United States Army Captains. Responsible for maintaining Army readiness by developing officers' education and experience while meeting Army requirements

ENGINEER, PLANS OFFICER, VII CORPS DESERT STORM
(1990-1991)

Responsible for planning and utilization of over 20 engineer battalions in support of 5 mechanized divisions during Desert Storm. Responsible for planning VII Corps breach of Iraq defenses and the logistic planning for base camps, supply routes, and airfields to support over 140,000 soldiers across a 400 km front.

PERSONNEL OFFICER, 130TH BRIGADE HANAU, GERMANY
(1991-1992)

Principal staff officer responsible for human resources and personnel administration for over 5,000 soldiers in a forward deployed Brigade during the historic drawdown of forces after Desert Storm.

OPERATIONS OFFICER, 54TH ENGINEER BATTALION WILDFLECKEN, GERMANY
(1992-1994)

Responsible for the largest mechanized combat engineer battalion in Europe, training 797 combat engineers and controlling the operations of 36 Combat squads and over 300 vehicles.

CHIEF OF INFRASTRUCTURE, LANDSOUTHEAST NATO IZMIR, TURKEY
(1993-1994)

Chief advisor for land infrastructure to the NATO Headquarters in Izmir, Turkey (a complex international, joint service headquarters). Identified infrastructure needs in support of regional military operations to include: ports, airfields, pipelines, and supply routes.

EXECUTIVE OFFICER, LANDSOUTHEAST NATO IZMIR, TURKEY
(1994-1995)

Executive Officer for a United States Army General Officer, the Deputy Commander for LANDSOUTHEAST. Supervised personal and administrative staff on all staff actions. Coordinated joint and national actions with Sixth Fleet, Allied Forces Southern Europe, and United States Embassy.

BATTALION COMMAND, FORT HOOD, TEXAS
(1995-1999)

Commanded a Combat Engineer Battalion in the 1st Cavalry Division. Trained engineer companies to perform as cohesive teams capable of rapid worldwide deployment. Maintained over 140 vehicles and managed a budget and controlled inventory worth over \$26 million.

ASSISTANT DIRECTOR FOR CIVIL WORKS, UNITED STATES ARMY CORPS OF ENGINEERS, WASHINGTON, D.C.
(2000-2001)

Assisted the Director of Civil Works in managing and directing \$2.2 billion worth of annual National Infrastructure Construction, including strategic deployment ports, navigational waterways, flood damage reduction, environmental protection, and

DISTRICT COMMANDER, UNITED STATES ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT, GALVESTON, TEXAS (2001-2005)

emergency management across 28 states. Represented the Chief of Engineers during meetings with Congressional staff and other Federal agencies. Assisted in achieving National security objectives by facilitating Civil Works support at the strategic and operational levels.

ASSOCIATE, DANNENBAUM ENGINEERING, HOUSTON, TEXAS (2005-2006)

Responsible for Federal Support of the 500-mile Texas Coastline, including 27 ports. Planning, design, construction, operations, and maintenance of navigation, flood control, and hurricane surge protections. Interface with stakeholders, sponsors and congress on proposed/approved projects. Led nearly 400 federal civilian employees with additional responsibility in the areas of environmental regulatory programs; real estate services; & engineering and construction services in natural and national emergencies.

PROGRAM MANAGER, DANNENBAUM ENGINEERING, HOUSTON, TEXAS (2006-2007)

Responsible for marketing engineer services. Developed and built on existing relationship at the city, county, state and national level to secure work.

PRESIDENT/CEO, DANNENBAUM ENGINEERING, HOUSTON, TEXAS (2007-2012)

Developed then managed the engineer design for the Houston METRO Red Line, a light rail train project that connected the single exiting downtown rail line at the University of Houston down own campus and extended the service 6 miles north.

EXECUTIVE DIRECTOR, PORT OF HOUSTON AUTHORITY, HOUSTON, TEXAS (2012-2014)

Responsible for all facets of operations of one of the largest Texas-based employee-owned engineering companies with offices in Brownsville, Austin, Dallas, Fort Worth and Houston. Broadened engineering services during the great recession to include: Public-Private Partnerships (PPPs), design-build, federal programs, and the development of the Gulf Coast Community Protection and Recovery District.

EXECUTIVE PROFESSOR, MARITIME ADMINISTRATION. ASSOCIATE DIRECTOR FOR OUTREACH, CENTER FOR BEACHES AND SHORES, TEXAS A&M UNIVERSITY GALVESTON, GALVESTON, TEXAS (2014 TO PRESENT)

Responsible for the efficient and effective operations of the Port of Houston Authority and operations of the Houston Galveston Ship Channel (the busiest waterway in the United States) while executing the primary mission of economic growth and job creation for the region. Increased operational revenues by 9% setting record revenues of \$225.4 million, 1.9 million TEUs (twenty-foot equivalent unit) containers and 8,395 vessel calls which created the Port's highest-ever net operating income. Provided leadership during the State's Sunset Review of the Port, reduced the size of staff by 15%, and obtained Corps permits to start the construction at the two container facilities in preparation for the opening of the Panama Canal.

Education: applying more than 35 years of public and private-sector experience to prepare graduate and undergraduate students for employment in the marine and maritime industry.
Research: promoting outreach strategy to support research under Dr. Sam Brody at the Center for Texas Beaches and Shores.
Service: conducted more than 200 public presentations describing the threat of hurricane storm surge damage to people, the environment, and the economy along the Texas coast.

