

MIKE ORCINO, PE

PROFESSIONAL EXPERIENCE

Mike Orcino joined the firm in 2008. He serves as a vice president and senior engineer and has provided program management, project management, technical expertise, and quality assurance for federal, state, and private sector clients nationally.

Mike has extensive experience with a broad range of technical practice areas, business development, and corporate strategic planning. His expertise includes civil, environmental, and geotechnical engineering; solid waste design, construction, and operations; environmental compliance; and environmental assessment and remediation. Mike believes in teamwork and helping others be successful, and provides the tools necessary for them to achieve that success and reach their career goals.

AREAS OF EXPERTISE

- Program, contract, and project management
- Contamination assessment and remediation
- Solid waste design and construction
- Hazardous building materials consultation
- Solid and hazardous materials management

PROJECT EXPERIENCE

Naval Facilities Engineering Command Southeast: Hazardous Materials and Waste Management Compliance Contract, Worldwide Support

Program Manager responsible for all aspects of contract performance. The firm is a prime contractor for NAVFAC Southeast on a \$7.5 million hazardous waste and hazardous materials management environmental services contract, serving primarily 21 CONUS and OCONUS bases. Project disciplines include but are not limited to hazardous materials and hazardous waste management, air quality, waste stream sampling and analysis, solid waste management, pollution prevention assessment and planning, wastewater and stormwater discharges, and development and implementation of training programs for Navy personnel.

U.S. Army Corps of Engineers, Mobile District: RICE Regulation Permitting and Design/Build, Tequesta, Florida

Sr. Engineer responsible for technical oversight of production teams, permitting, and construction management. The Air Force 45th Space Wing operates the Jonathan Dickinson Missile Tracking Annex in Tequesta, Florida. The facility has six compression ignition engines (four 600-kW generators and two 400-kW generators) that required installation of oxidizing catalysts to comply with the requirements of 40 CFR Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE). The firm was contracted to design, permit, and install the new catalysts on all six engines including installation of continuous parameter monitoring systems for each of the catalysts. Upon completion of the installation, the project team was also responsible for testing the new catalysts to ensure that they met the emissions requirements for the reduction of carbon monoxide concentrations in the exhaust to below permitted concentrations. The team was also responsible for developing a monitoring plan in accordance with NESHAP RICE requirements.



VICE PRESIDENT SENIOR ENGINEER

EXPERIENCE

23 years of experience in engineering and construction

EDUCATION

M.S., Geotechnical Engineering, Louisiana State University

B.S., Civil Engineering
Louisiana State University

PROFESSIONAL REGISTRATIONS & CERTIFICATIONS

- Professional Engineer (PE)
Florida #60908
Georgia #036999



ADDITIONAL INFORMATION

Mike Orcino, PE

Global Security Company: Chlorinated Solvent Turnkey Remediation, Orlando, Florida

Sr. Engineer responsible for oversight of technical staff, treatment system design, value engineering, and permitting. The firm provided extensive facility investigation, remedial investigation, human health risk assessments, remedial design, permitting, and turnkey construction for chlorinated solvents in soil and groundwater at a site in Orlando. The project consisted of multiple phases of soil and groundwater assessments, finite level source refinement investigations, fate and transport modeling, sheet pile design, wastewater treatment design, chemical oxidant demand studies, bio-availability studies, human health risk impact studies, all phases of construction permitting, and turnkey construction. Through implementation of sustainability reviews and innovative technology analysis, the project saved over \$1 million and was completed 2 years ahead of schedule, as compared to engineering estimates by others.

U.S. Army Corps of Engineers, Mobile District: Cape Canaveral Landfill Closure, Design/Build, Cape Canaveral Air Force Station, Florida

Sr. Engineer responsible for senior design review, permitting, and post-design services. The firm completed preliminary and final design, permitting, and construction of a landfill cover and erosion and sediment control upgrades for the 60-acre Class I, Class III, and asbestos landfill located at Cape Canaveral Air Force Station. The project was completed to comply with Florida Department of Environmental Protection (FDEP) solid waste landfill closure regulations and to address Air Force internal audit findings relative to three active solid waste operation permits associated with the landfill. The design phase included engineering surveys, geophysical studies, and test pits to assess existing subsurface and landfill waste and cover conditions; geotechnical investigations associated with construction and demolition of storage/loading area design; constructability reviews; plan development and submittal of 30, 60, 90, and 100 percent design drawings and specifications; and engineering estimates for construction. The firm self-performed the construction phase of this project, which included repair of cover material over a 45-acre portion of the landfill. Additionally, the project involved construction of components that incorporated geosynthetic systems including stormwater diversion berms, erosion control matting, side-slope stabilization systems, and stormwater sedimentation basins. The firm was responsible for preparing the long-term care plan for the final closure in accordance with Chapter 62-701 Florida Administrative Code as well as removal of above-grade concrete and potential asbestos-containing materials located at the landfill.

Global Security Company: Central Wastewater Pre-Treatment Facility Design/Construction, Orlando, Florida

Sr. Engineer responsible for senior technical review, stormwater design, and post-design services. The firm completed the assessment, design, and replacement of the Central Wastewater Pretreatment Facility located in Orlando. The wastewater plant provides pretreatment (pH adjustment, precipitation of metal hydroxides, metal hydroxide sludge separation, and neutralization) prior to discharge to the Orange County Wastewater Reclamation Facility. The project included turnkey design/build and permitting services. Specifically, the project involved facility condition assessment, replacement system design, and replacement of wastewater storage tanks, associated piping, electrical, pneumatic, and control equipment as well as demolition of the existing wastewater system and installation of a tanker containment structure and associated piping.

OUTSIDE THE OFFICE

Mike and his wife Becky have two kids, two dogs, and live in Lake Mary. When not chauffeuring kids to volleyball or track, Mike is living the salt life, playing golf, and nervously cheering on LSU.

