

# ASHLEY SIGNORELLI, PE

## PROFESSIONAL EXPERIENCE

Ashley Signorelli is an Associate of the firm and currently is the Director of Operations. She joined MSE in 2009 and previously served as manager of the Engineering and Environmental Solutions (EES) service line. Ashley has a broad range of technical and project management experience in the areas of engineering, compliance, and assessment/remediation. In addition, she manages multiple industrial, municipal, and federal projects.

Ashley is dedicated to mentoring, leading, and growing a team of engineers and scientists that together strive to achieve the highest quality standards using the firm's corporate 6S framework, which emphasizes exceeding client expectations through creative quality management.

## AREAS OF EXPERTISE

- Contract and project management
- Contamination assessment and remediation
- Environmental engineering design and construction
- Underground storage tank design and removal
- Phases I and II environmental site assessments
- Federal, state, and local regulations governing hazardous waste, storage tanks, and petroleum contamination

## PROJECT EXPERIENCE

**Global Security Company: Environmental Services Contract, National Support**

**Sr. Engineer** for multiple engineering and compliance projects. Responsibilities include contract management; design oversight for water/wastewater treatment systems and petroleum and hazardous materials storage/distribution systems; environmental permitting for water, air, and waste compliance programs; and construction administration. The firm has completed over \$10 million in environmental compliance, remediation, engineering, training, staff augmentation, and design/build projects since 1998 for this global company, and services have been completed at more than 15 facilities across the United States. Specific work completed under this contract includes Hazardous and Solid Waste Amendment permitting and RCRA assessments; 90-day hazardous waste storage and satellite waste storage area inspections; successful completion of over 30 emergency response actions; decontamination of more than 200 facilities; inspections and training for 10 petroleum tank systems; waste characterization and disposal annually for over 40 hazardous waste streams; Title V construction and operations air permitting; design and installation of air pollution control systems; visual emissions testing for permitted stationary air sources; wastewater evaluations and permitting; pre-treatment wastewater facility design, installation, and operation; National Pollution Discharge Elimination System (NPDES) sampling and permit development; stormwater pollution prevention plan updates and electronic conversions; drinking water surveys and wellhead protection; environmental resource permit development and monitoring; wetland and threatened and endangered species surveys; mitigation bank permitting and credit marketing support; and petroleum and chlorinated solvent assessment and remediation. Multiple recognitions have been received for cost control and quality implementation for various completed projects.



ASSOCIATE

DIRECTOR OF  
OPERATIONS

## EXPERIENCE

12 years of experience in engineering

## EDUCATION

B.S., Chemical/Biomedical Engineering, Florida State University

B.S., Food Science and Human Nutrition, University of Florida

## PROFESSIONAL REGISTRATIONS & CERTIFICATIONS

- Licensed Professional Engineer, Florida #72263
- OSHA 40-Hour HAZWOPER Training
- Bloodborne Pathogens
- Hazard Communications
- U.S. Department of Homeland Security FEMA IS-00100/ISC 100, Introduction to Incident Command System



## ADDITIONAL INFORMATION

Ashley Signorelli, PE

### ***Naval Facilities Engineering Command (NAVFAC) Southeast: Hazardous Materials and Waste Management Compliance Contract, Worldwide Support***

**Project Manager and/or Sr. Engineer** for multiple challenging environmental compliance task orders including RCRA training for national Navy hazardous waste management staff, waste stream determination projects at Naval installations throughout the southeast, and spill prevention and facility response plan development projects. 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 continental United States (CONUS) and overseas (OCONUS) bases. Project disciplines include hazardous materials and hazardous waste management, air quality, waste stream sampling and analysis, solid waste management, pollution prevention assessment and planning, and wastewater and stormwater discharges as well as development and implementation of training programs for Navy personnel.

### ***Greater Orlando Aviation Authority (GOAA): Environmental Services Contract, Orlando, Florida***

**Contract Manager** responsible for successful completion of all task orders awarded under this continuing contract. The firm is a prime contractor providing environmental engineering professional services to GOAA. The contract supports GOAA environmental staff at Orlando International Airport and Orlando Executive Airport with various environmental permits, registrations, and plans. Under this contract, the firm provides 24-hour standby support for emergency response actions; performs baseline environmental impact investigations as part of due diligence for property acquisitions; completes engineering design and specification writing for environmental engineering and hazardous building material mitigation projects; provides a variety of construction administration services; supports compliance audits and training at over 200 tenant facilities; provides plan writing and updates for GOAA and tenant spill prevention, control, and countermeasures and stormwater pollution prevention plans; and completes design and implementation of various electronic database projects.

### ***Department of Veterans Affairs (VA): Petroleum Investigation, Remediation, and Alternative Site Closure, Orlando, Florida***

**Sr. Engineer** responsible for engineering design review, site closure planning, and mentoring of junior project staff. This project included turnkey assessment, design, and construction of engineered systems to achieve regulatory alternative closure of petroleum-impacted soil and groundwater. Two separate petroleum plumes (diesel and MTBE) were co-located within a heavily occupied utility corridor consisting of high-voltage electricity, natural gas, water, sewer, and telecommunications. Due to the nature of the contamination and presence of vital utilities, remedial action technologies were limited. MSE negotiated and implemented multiple site closure strategies to comply with remedial requirements of Florida Department of Environmental Protection (FDEP) Chapter 62-770 of the Florida Administrative Code, saving the VA over \$100,000 in additional assessment costs and \$500,000 in remediation costs. MSE designed and installed the engineering control structure to prevent direct human exposure and leaching of contaminants from the soil into the groundwater. The firm coordinated deed-restrictive convenient development and approval through the VA and FDEP and received final site closure in April 2016.

## OUTSIDE THE OFFICE

Ashley, her husband, and her two kids live in Lake Nona, Florida. She likes spending time with family and friends at the pool or local theme parks, cheering for the Florida Gators and Miami Hurricanes, and watching their daughter dance and excel at gymnastics.

