

PAUL SEAVY, PE, CBC, PSSC

PROFESSIONAL EXPERIENCE

Paul Seavy joined the firm in 2005. He has extensive experience providing environmental engineering, construction, and operations and management services for government and private clients. Paul has passion for creative solutions and innovation and therefore he provides oversight to many of the firm's largest and most challenging projects. He has and continues to serve in many roles including program manager, project manager, senior technical engineer, and construction manager. He has led more than \$85 million in environmental engineering, construction, and operations projects at more than 150 sites throughout the southeast United States.

AREAS OF EXPERTISE

- Program, contract, and project management
- Chemical and process engineering
- Water and wastewater system design, permitting, construction and operations
- Pollutant storage system design, construction and operation
- General construction
- Contamination assessment and remediation
- Corporate environmental risk management
- Resource Conservation and Recovery Act
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

PROJECT EXPERIENCE

U.S. Army Corp of Engineers, Mobile District: Architect/Engineer Services to Provide Environmental Support to Civil, Military, and Federal Agencies

Program Manager responsible for all aspects of contract performance. This 5-year, \$5 million indefinite delivery order contract with the Mobile District included a broad range of architectural and engineering support services. Primary technical services covered under this contract were environmental compliance, environmental engineering and design, operational range assessments and design, Leadership in Energy and Environmental Design (LEED)/sustainability project support, and GIS data management. The firm completed nine task orders from 2009 through 2014, collectively valued at over \$4.75 million. Specific task orders included four staff located at Fort Campbell, Kentucky, for over 4 years in support of the spill response and tank management program; environmental compliance support at more than 25 installations for IMCOM-West; landfill design and permitting for the Air Force; and landfill maintenance and environmental support at Fort Gordon, Georgia.

U.S. Army Corp of Engineers, Mobile District: Environmental Support for Army Installation Management Command-West (IMCOM-West)

Program Manager responsible for all aspects of contract performance. The firm provided environmental support for IMCOM-West at over 30 installations. Activities included maintaining comprehensive compliance program media binders, implementing environmental program reviews, and supporting the Sustainability Range Program, IMCOM Campaign Plan Sustainability Initiative, energy and water conservation advisory efforts, and National Environmental Policy Act (NEPA) regulations.



PRINCIPAL SENIOR ENGINEER

EXPERIENCE

36 years of experience in engineering and construction

EDUCATION

B.S., Chemical Engineering,
Drexel University

PROFESSIONAL REGISTRATIONS & CERTIFICATIONS

- Professional Engineer (PE):
 - Florida #45377
 - Georgia #P036906
 - Tennessee #115729
 - Kentucky #28544
- Florida Certified Pollutant Storage System Contractor (PSSC) #PCC053365
- Florida Certified Building Contractor (CBC) #1258011
- USACE Construction Quality Management

ADDITIONAL INFORMATION

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U.S. Army Corps of Engineers, Savannah District: Infiltration and Inflow Turnkey Support

Sr. Engineer responsible for senior technical guidance of project and field teams and client relations. The firm conducted an inflow and infiltration (I&I) investigation and analysis of the sanitary sewer and industrial wastewater collection systems in compliance with wastewater standards, rules, and regulations. The objective of the project was to identify issues with the collection systems, provide options for repair and maintenance, and develop a cost/benefit analysis of long-term solutions. The project team completed an analysis of existing data, installed flow monitoring equipment within the sewer system, inspected over 300 manholes and 16 lift stations, conducted over 120,000 linear feet of smoke testing, performed over 15,000 linear feet of CCTV sewer inspections, and completed I&I reports and rehabilitation plans for both systems.

U.S. Army Corps of Engineers, Mobile District: Space Launch Complex 37 (SLC 37) Remedial Design/Build/Operate, Cape Canaveral Air Force Station, Florida

Sr. Engineer responsible for senior technical guidance, design, and permitting. SLC 37 is an active launch facility. This multi-phased, multi-year project has involved all facets of environmental assessment, design, permitting, construction, and operation associated with a large chlorinated solvent plume at the site. Project tasks have included complete delineation of soil and groundwater contamination impacts, source area remediation (soil excavation, characterization, and disposal), remedial investigation/ feasibility study of potential groundwater remediation technologies, engineering design and implementation of the preferred technology (50 lbs./day ozone injection system coupled with bio-augmentation using vegetable oil/lactate injection), system optimization, operations and maintenance, and reporting/long-term maintenance. The project achieved over 90 percent contaminant mass removal and received exceptional performance ratings for quality, schedule compliance, cost control, management, regulatory compliance, teamwork, and technical knowledge.

U.S. Army Corps of Engineers, Mobile District: Corrective Measures Implementation for Groundwater at Space Launch Complex 17, Cape Canaveral Air Force Station, Florida

Sr. Engineer responsible for senior technical guidance, design, and permitting. The firm provided preliminary and final remedial design, permitting, and construction at a complex site containing a 0.8-acre solvent source area beneath a previously inaccessible SLC 17 launch pad structure. The goal of the project was to provide final design plans and specifications, perform turnkey construction services, and complete performance monitoring. The project included horizontal and vertical delineation of source and dissolved phase contamination impacts, analysis of monitored natural attenuation parameters, and microcosm investigations to predict bioremediation rates to evaluate the need for bio-augmentation. The project included construction and operation of a custom mixing and injection system consisting of a 50-horsepower shear pump, 20,000-gallon mixing tanks, and transfer pumps. In total, 110,000 gallons of emulsified vegetable oil was injected into the 15-foot-thick source area via 134 wells. The project received exceptional performance ratings from the client for quality, schedule, cost control, business relations, and management of personnel.

OUTSIDE THE OFFICE

Paul has two daughters and is an avid boater. On most weekends, he can be found cruising and fishing the waters off Anna Maria Island.