

ROBERT BOGERT, PE

PROFESSIONAL EXPERIENCE

Robert Bogert is a senior engineer serving as the Engineering and Environmental Solutions Service Line Manager at MSE Group. He joined the firm in 2018 with 25 years of progressive experience in program and project management, engineering design, and cost estimation in the civil and environmental engineering consulting fields.

As a professional engineer licensed in Florida, Georgia, and Mississippi, Robert has been directly responsible for managing over \$65 million in projects and preparing proposals valued at over \$40 million for the Department of Defense and other federal agencies. He has also managed commercial property development for retail service stations, from due diligence to construction for private sector clients.

Robert is a detailed-oriented and client-focused professional adept at identifying solutions for challenging projects and delivering quality service within budget and on schedule.

AREAS OF EXPERTISE

- Program and project management, engineering design, cost estimation
- Environmental site assessments, remediation design, and remedial action for soil and groundwater solvent and petroleum contamination
- Resource Conservation and Recovery Act (RCRA) and Hazardous and Solid Waste Amendments (HSWA)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Performance-based remediation
- Commercial property development

PROJECT EXPERIENCE

Naval Facilities Engineering Command, Mid-Atlantic District: Environmental and Installation Restoration Program Support and Preliminary Assessment and Site Investigation for Per- and Polyfluoroalkyl Substances (PFAS) at Marine Corps Recruit Depot (MCRD), Parris Island, South Carolina

Project Manager/Senior Engineer responsible for leading the preparation of a Preliminary Assessment Report of potential PFAS sources at MCRD Parris Island, for the Department of the Navy. During the assessment, MSE evaluated the potential for PFAS at facilities and locations within the entire installation. Potential areas of interest included facilities that stored and used aqueous film forming foam (AFFF), performed electroplating operations, received/handled/disposed of solid waste and/or wastewater, and other potential source areas such as those used for water-proofing military uniforms and equipment. Research on AFFF sites included areas of active fire and rescue operations, such as aircraft crash sites, vehicle fires, and training areas. The preliminary assessment under the CERCLA process reviewed 49 potential areas of interest and identified nine locations to perform site investigations due to potential impacts from PFAS use.

Department of Defense: AFFF Turnkey Removal and Replacement, Confidential Air Station, Florida

Project Manager/Senior Engineer responsible for providing turnkey design and construction services for removal and replacement of legacy AFFF with new, U.S. Military Standard (MILSPEC)-compliant AFFF with short-chain



ENGINEERING & ENVIRONMENTAL SOLUTIONS SERVICE LINE MANAGER

SENIOR ENGINEER

EXPERIENCE

25 years of experience in environmental engineering/consulting

EDUCATION

M.S., Environmental Engineering, University of Central Florida

B.S., Environmental Engineering, University of Central Florida

PROFESSIONAL REGISTRATIONS & CERTIFICATIONS

- Professional Engineer: Florida #53978, Georgia #30672, Mississippi #16203
- OSHA 40-hour HAZWOPER training
- OSHA 8-Hour Refresher
- OSHA 8-Hour Supervisor Refresher
- Qualified Stormwater Management Inspector
- USACE Construction Quality Management



ADDITIONAL INFORMATION

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fluorotelomers with lower concentrations of Perfluorooctane Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA). The project involves 30 aboveground storage tanks (ASTs) and delivery systems within active areas adjacent to the flight line as well as military aircraft maintenance areas that are subject to squadron activation and mission changes. Tasks include pre-work inspection of all ASTs and delivery piping, isolation of all mechanical valves, removal and storage of legacy AFFF, triple-rinsing of ASTs and piping, replacement with modern MILSPEC AFFF product, transport and incineration of legacy AFFF, and decontamination rinsate. The project consists of designing and retrofitting delivery systems to improve operability and safety in accordance with fire protection engineering principles and practices. Significant planning is required with all mission-ready civilian and military personnel as well as installation-based fire protection forces. MSE is conducting all design and construction activities in-house.

U.S. Army Corps of Engineers (USACE), Mobile District: Interim Measures, 49th Aviation Facility, Orlando, Florida

Project Manager responsible for the completion of an Interim Measures (IM) removal action for remediation of Polychlorinated Biphenyl (PCB)-contaminated soil at the former 49th Aviation Facility. Remediation will eliminate liability at the site and allow the Greater Orlando Aviation Authority (GOAA) to reuse the property without restriction. The IM brought PCB-contaminated soil to the residential soil cleanup target level (SCTL) to meet the no further action (NFA) requirement under Florida Department of Environmental Protection's (FDEP's) Risk Management Option (RMO) I and included demolition of a 5,000-cubic-foot concrete vault trench drain that separated oil and other fluids. Approximately 8,000 gallons of water and sediment with elevated concentrations of lead and PCBs were sent for off-site treatment, and the concrete was cleaned and sampled to demonstrate it was suitable for recycling. This reduced disposal costs, prevented PCB waste entering a landfill, and supported USACE's sustainability goals. The IM report is being prepared and a Site Rehabilitation Completion Order (SRCO) for NFA is anticipated.

City of Orlando: Environmental Remediation Assessment, Testing and Remediation Services Contract, Orlando, Florida

Project Manager responsible for execution of all work, ensuring environmental services are in accordance with contract, technical, and industry-standard practices. This includes the preparation of work plans, sampling and analysis plans (SAPs), engineering designs, quality assurance project plans (QAPPs), and interim remedial action plans/reports. Work performed under this contract will likely include every phase of environmental investigation, contamination assessment, remediation design and implementation, remedy optimization, and site closure.

USACE Omaha District: Groundwater Treatment System Construction, U.S. Meat Animal Research Center (USMARC), Hastings, Nebraska

Construction Quality Control System Manager (CQCSM) for the USMARC and former Naval Ammunition Depot (NAD) in Hastings. Robert oversaw implementation of the Quality Management Plan and provided construction oversight for installation of a groundwater extraction and conveyance system and treatment plant. The project consisted of over 7 miles of piping, multiple pumphouses, and a groundwater treatment plant to remediate groundwater contaminated with munitions-related chemicals. Sustainable remediation efforts included reuse of groundwater for irrigation of agricultural lands operated by USMARC. Additional efforts included development of wetland mitigation areas to offset impacts due to construction.

OUTSIDE THE OFFICE

When Robert is not at MSE, you can usually find him on his bike or spending time with his wife and three children.