

## JV Info

CEG-MSE Joint Venture, LLC (CEG-MSE JV), is an entity composed of Cedarville Engineering Group, LLC (CEG), an 8(a) Economically Disadvantaged Woman-Owned Small Business, and MSE Group, LLC (MSE), that was formed under a Mentor-Protégé agreement approved by the U.S. Small Business Administration. Together, we bring our clients the full spectrum of environmental services, civil infrastructure design, mapping, and technology integration. Our increased technical expertise and greater capacity, combined with our shared values of excellent customer service, dedication, and innovation, are key to achieving success for our clients while also meeting sole-source, set-aside, and competitive small business goals.

## About the Firms

CEG is an SBA-certified, 8(a), Small, Disadvantaged, Economically Disadvantaged Woman Owned Small Business (EDWOSB). Headquartered in Pottstown, Pennsylvania, CEG is a multidisciplinary engineering company focused on providing exceptional service to all levels of government throughout the Mid-Atlantic region. CEG specializes in civil engineering, environmental consulting and compliance, geomatics, and 3D modeling. The firm's products and services are consistently recognized for excellence and design innovation in a way that cultivates positive relationships with clients and communities. CEG has provided services to the federal government since its founding, specifically performing soil investigations for the U.S. Environmental Protection Agency (EPA).

MSE, a Montrose Environmental Group company, has more than 20 years of experience partnering with our clients to solve their environmental, health, and safety challenges. Areas of specialization include environmental engineering, remediation and construction, environmental health and safety compliance, and ecological services for federal, state, and local governments. In addition, the firm supports a portfolio of Fortune 500 manufacturers and industries throughout the United States.

## Capabilities

### Environmental Quality

- Air and Water Quality Compliance Support
- Stormwater and Wastewater Compliance Support
- Water Quality Monitoring
- Environmental Compliance Reporting
- Hazardous Waste/Materials Management and P2
- RCRA Part B and Subpart X Permitting
- EHS Assessments and Corrective Action
- Sustainability and Asset Management
- Health and Safety/Industrial Hygiene
- Storage Tanks Management and Spill Response Planning

### Environmental HTRW

- Contamination Assessment and Remediation
- Remedial Design and Implementation
- AST/UST and OWS Condition Assessment and Removal
- Solid Waste Management and Post Closure Care
- Environmental Multimedia Sampling and Analysis
- Disaster/Emergency Response

### Engineering and Construction

- Construction Management/Construction Inspection (CM/CI)
- Topographic and Boundary Surveying
- Flood Elevation Certifications

- Facility Condition Assessment
- Geotechnical Services
- Landfill Post Closure Care, Maintenance, and Permitting
- Pollution Control Device Assessment, O&M, and Installation
- Facility Decontamination and Decommissioning
- AST/UST/OWS/AFFF Upgrade, Decommissioning, and Removal
- Stormwater Planning, Design and Permitting
- Stormwater System Maintenance and Repair
- Gun Range Maintenance
- Water/Wastewater System Design
- Site Design and Grading Plans
- Utility Design and Coordination

### Environmental Planning

- NEPA Support (EIS/EA/ESA)
- Wetland and Stream Delineation, Mitigation, and Permitting
- Biological and Ecological Assessment
- Threatened and Endangered Species Assessment
- Environmental Regulations Development
- GIS and Mapping
- Custom Data Management Solutions
- Invasive Species Management
- Watershed Planning and Modeling
- Ecological Risk Assessment



 JV Office Locations

## Company Information

**CEG-MSE 8a JV, LLC**  
**DUNS-117016604**  
**NAICS-541620**

*For more information, please contact:*

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## **USACE Mobile District – TMDL Program Development and Implementation, Patrick Air Force Base, Florida**

The purpose of this project was to establish the baseline of nutrient loading discharges from Patrick AFB to the Banana River Lagoon. The baseline was established by developing and implementing a nutrient monitoring program at the various outfalls that discharge to and from the installation in accordance with Florida Department of Environmental Protection and EPA-approved protocols. The baseline quantified TMDL nutrient discharges entering the lagoon from the installation. The project team also prepared a USACE nationwide permit to install monitoring equipment at one site located in jurisdictional waters. The monitoring program followed the protocols prescribed in the work plan for the collection, transport, and analysis of stormwater samples. Each site was visited once per week, at a minimum, by water resources staff to collect samples, download data, evaluate equipment, calibrate equipment (as needed), and reset equipment and data loggers. These data were used to determine the event mean concentrations and the total annual loading for nitrogen and phosphorus from each basin evaluated and to formulate basin-specific discharge coefficients.

## **USACE Mobile District – Spill Prevention Control and Countermeasures, Storage Tanks, and Environmental Compliance Support for Fort Campbell, Kentucky**

Since 2011, MSE has provided onsite staffing to assist Fort Campbell in maintaining continuous compliance with state storage tank requirements as well as those of the Clean Water Act, Oil Pollution Act, and Resource Conservation and Recovery Act. In addition, the firm has established and upgraded GIS and extensive relational databases linked to GIS; completed installation sustainability and environmental management system initiatives; provided compliance training to managers, maintenance staff, and soldiers; and conducted and documented thousands of regulatory inspections. This program supports continual compliance as well as emergency readiness and spill response programs for the installation. Since its inception, the project has received continual praise and numerous commendations from USACE, the Army, and installation personnel as one of the most unique programs of its kind, and the project's tablet-based management system has been used as a model for other DoD entities.

## **Wastewater Treatment Plant GIS Mapping and Asset Inventory, West Vincent Township, PA**

To support West Vincent Township's effort to evaluate existing municipally owned utility assets, CEG created a GIS database of the collection, conveyance, treatment, and disposal infrastructure for the township's existing wastewater treatment and public potable water facilities. CEG reviewed all available plans, permits, shop drawings, and repair/replacement documents provided by the Township to create an inventory of major assets within each facility. The major components of every facility, including repair and replacement histories, were documented in a database and mapped using GIS. Assets inventoried included over 6.5 miles of piping, 180 manholes, 2 mechanical wastewater plants, 5 lagoon plants, and 1 water treatment system. CEG prepared maps to support visualization and analysis of the infrastructure of the facilities. This asset inventory allows West Vincent Township to more efficiently plan and budget for future asset improvement needs.

## **Eastern State Penitentiary Green Infrastructure Planning & Design – Philadelphia, Pennsylvania**

This project involved topographic survey, underground utility location, soil characterization, and creation of a 3D model to provide the design of a green stormwater infrastructure retrofit project for an 11+ acre historical penitentiary.

## **Moody Air Force Base – Industrial Stormwater Compliance**

This project was to develop policies and procedures regarding sampling for the General Permit for Stormwater Discharges from Industrial Activity. Also provided comprehensive permit services including infrastructure assessment, benchmark stormwater sampling and laboratory analysis for oil and grease, wet weather stormwater sampling, and comprehensive site evaluations.

## **National Park Service (NPS) – Underground Storage Tank Remediation, Pennsylvania**

This project involved excavation and disposal of 300 tons of heating oil-contaminated soil at three locations within the Delaware Water Gap National Recreation Area. Work was completed in accordance with NPS, Pennsylvania Department of Environmental Protection, and New Jersey Department of Environmental Protection regulations.

## **MICC Fort Drum – MS4 & Pollution Prevention Program, Fort Drum, New York**

To develop and maintain a Multi-Sector General Permit for Stormwater Discharges from Industrial Activity and MS4 Permit Program, this project provided comprehensive permit services including infrastructure assessment, illicit discharge and pollution prevention, MS4 and MSGP inspections, water sampling, construction site assessments, and public education.

## **NAVFAC SE – Hazardous Materials and Waste Management Compliance Contract, Worldwide Support**

As a prime contractor for Naval Facilities Engineering Command Southeast, this project involves a \$10 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.