



# USACE, MOBILE DISTRICT

SPILL PREVENTION CONTROL AND COUNTERMEASURES, STORAGE TANKS  
AND ENVIRONMENTAL COMPLIANCE TECHNICAL SUPPORT  
*Fort Campbell, Kentucky*

## PROJECT HIGHLIGHTS

### CLIENT PROFILE

The U.S. Army Corps of Engineers (USACE) Mobile District manages a variety of programs in Alabama, Georgia, Florida, Mississippi, and Tennessee as well as Central and South America. Located in both Kentucky and Tennessee, Fort Campbell is home to the 101<sup>st</sup> Airborne Division and provides forced entry air assault and other unified land operations worldwide to support combatant commanders.

### PROJECT OVERVIEW

The firm provided technical and comprehensive regulatory support to the District for Fort Campbell's spill prevention, control, and countermeasures (SPCC) plan and storage tank management program under four separate annual awards. The project team consists of a full-time staff of four on-site personnel. The technical staff performs more than 9,000 annual inspections of aboveground/underground storage tanks (AST/UST), and spill containment systems located at over 300 locations, assesses over 200 site-specific quarterly SPCCs to ensure compliance, and provides technical guidance for correcting deficiencies. Environmental compliance technical support includes providing 24/7 emergency spill response and cleanup services, conducting facility response plan (FRP) exercises, and training jointly with base personnel to seamlessly support the installation's facility response team.

### CHALLENGES

- Conflicting Tennessee and Kentucky regulations.
- Rapidly changing mission and facilities support needs.
- Outdated data capture techniques and environmental.

### THE MSE GROUP APPROACH

The firm assembled a team of regulatory and technical experts including professional engineers, project scientists, and environmental specialists experienced in SPCC planning, spill response, UST and AST compliance, and electronic data management system (EDMS) development. The project team has successfully accomplished the contract goals on an annual basis, and the program has received local and national praise for efficiency and effectiveness.

### ACCOMPLISHMENTS

- Developed and employed a custom EDMS based on the FileMaker platform to manage compliance data including field inspections, photographs, and barcodes.
- Implemented a reduced-paper initiative that resulted in reducing total paper storage by 72% and diverting 1.3 tons of recyclable materials.
- Consolidated Fort Campbell's SPCC plan and FRP into a single document.
- Evaluated 139 spill events to determine impacts to human health and investigated suspected violations.
- Developed an eight-criteria scoring system to evaluate deficiencies in Fort Campbell's mission sustainability requirements, including secondary containment systems for ASTs and mobile fuel tankers.

### AREAS OF EXPERTISE

- Regulatory support
- Environmental compliance
- Storage tank management

*"This is the best spill and tank program I've seen in the Army."*

*– Army Installation Management Command*

*"You guys should be training the whole Army on spills and tanks."*

*– Army Installation Management Command*