



# ENVIRONMENTAL COMPLIANCE TECHNICAL SUPPORT

## PROJECT DESCRIPTION

AEI provided environmental training and site assistance visits to the 81st RD headquarters staff, as well as to the area environmental protection specialists, environmental compliance officers (ECOs), and Reservists responsible for environmental compliance tasks. Additional services included updating selected 81st RD's environmental plans (Environmental Training and Education Plan, Hazardous Materials/Hazardous Waste (HM/HW) Management Plan and Toxics Management Plan) and implementing the Installation Climate Resilience Process at selected facilities.

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**Environmental Plans (HW/HM & TSCA).** We conducted a gap analysis of the 81st RD HM/HW Management Plan, field verified HM/HW management, updated the HM/HW Management Plan, and created 15 Grab-n-Go documents describing typical HM/HW and management processes. We also conducted classroom and hands-on unit specific HM/HW training at 12 facilities (10 CONUS and 2 in PR). We created the first 81st RD comprehensive Toxics Plan to outline all applicable state and federal regulations for asbestos, lead-based paint, polychlorinated biphenyls, and radon.

**Environmental Audits.** Our team conducted multimedia audits at 14 facilities (13 CONUS and 1 in PR). Tasks included reviewing prior Environmental Performance Assessment System findings, on-site closing of open findings, and identification and closing of any additional findings. We completed after-action reports for each facility summarizing pre-site preparation, onsite activities, findings and remedies, unresolved findings, and recommendations to prevent future noncompliance.

**Installation Climate Resilience.** Utilizing the Army Climate Resilience Handbook, we implemented the installation climate resilience process for the first time on seven 81st RD facilities located in FL. We completed a review of climate change threats and identified climate preparedness and resilience action alternatives that could be utilized in master planning documents, natural resource planning, and installation resilience. GIS layers for each facility were created to highlight infrastructure, planned construction, topography, natural features, land cover, mission-critical assets, and areas of ecological and cultural significance. Narrative reports for each facility were completed to summarize past and current climate conditions, projected climate changes, climate vulnerability, resilience metrics, and recommended adaptive measures in support of mission readiness and sustainability.

## PROJECT DETAILS

### PROJECT CLIENT:

United States Army Corp of Engineers (USACE), Mobile District for the United States Army Reserve (USAR), 81st Readiness Division (81st RD)

### PROJECT LOCATION:

AL, FL, GA, KY, LA, MS, LA, NC, SC, TN, PR

### SERVICE LINE AREAS:

- Environmental Compliance
- Natural Resources
- Water Resources Studies
- GIS & Remote Sensing

### EXPERTISE:

- HW/HM
- TSCA
- Climate Resiliency
- Planning
- Environmental Inspections/Assessments
- Environmental Training
- Geospatial Analysis

