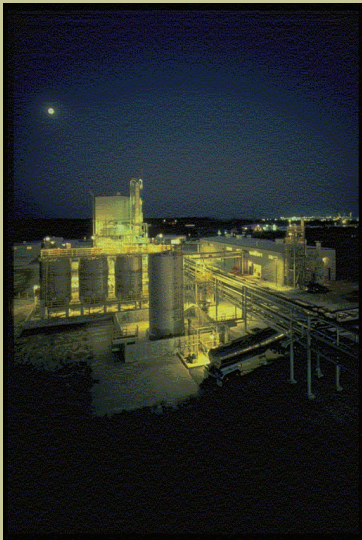


US AIR FORCE AIR COMBAT COMMAND Environmental Compliance and Analytical Services (ECAS) Contract

ADVENT is aligned and organized to provide professional services in five focus areas:

- Environmental Restoration
- Munitions Response
- Environmental Compliance
- Pollution Prevention
- Conservation & Natural Resources



ADVENT ENVIRONMENTAL,
INC. EXPERIENCE

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The objective of this contract is to perform environmental compliance and analytical services at sites predominately located at the United States Air Force installations and for other government agencies. ADVENT can perform the following environmental engineering related services under this contract.

Environmental Quality Mission

- Compliance Programs
- Hazardous Waste/Hazardous Materials
- Storage Tank Management
- Water/Wastewater
- Spill Management
- RCRA Corrective Actions
- Emergency Planning Community Right-to-Know Act (EPCRA)
- Toxic Substances Control Act
- Asbestos
- Lead-Based Paint
- Polychlorinated Biphenyls (PCB)
- Radon
- Mold
- Air Quality
- Pollution Prevention
- Integration of Compliance and Pollution Prevention
- Environmental Management
- EMS Pursuant to EO 13148 and ISO 14001
- Environmental Education and Training
- Sustainable Infrastructure and Operations

Conservation Planning Mission

- Environmental Impact Analysis Process
- Natural and Cultural Resources
- Natural and Cultural Resources Plans
- Environmental Baseline Surveys
- Reviews
- Low-Level Radioactive Waste

NAICS CODES

- 541330 – Engineering Services
- 541380 – Testing Laboratories
- 541620 – Env Consulting Svcs
- 541710 – R&D in Physical, Eng, & Life Sciences
- 561210 – Facilities Support Svcs
- 562910 – Remediation Services

Environmental Restoration Mission

- CERCLA/RCRA Process
- Engineering Evaluation/Cost Analysis
- Treatability Studies
- Peer Reviews
- Risk Assessments
- Operations Maintenance
- UXO
- Chemical Agents
- Range Cleanups
- Low-Level Radioactive Waste

Environmental Title I and II Missions

- Title I Services—Design
- Title II Services—Oversight

Fuel Facilities

Force Protection

Information Technology

- GeoBase
- CADD
- Geographic Information System
- Information Management Systems

Traditional Title I, Title II and A-E Services

ADVENT ENVIRONMENTAL, INC. EXPERIENCE

Environmental Quality Mission

- *National Association of Chemical Distributors, Nationwide* ADVENT conducted independent audits of environmental management systems at NACD member companies. The Site Class Verifications were conducted as a means of verifying that the NACD required environmental management systems were in place at each facility and were being employed by site personnel. During the verifications, ADVENT personnel reviewed the procedures and programs in place at each facility and compared the documents with on-site observations of the facility operations, equipment, and record keeping as well as with information obtained from interviews with site personnel.

Conservation and Planning Mission

- *Naval Facilities Engineering Command – Atlantic Division, Norfolk, Virginia* ADVENT conducted EBSs of seven remote radar installations in Pico del Este, PR; Mt. Pirata, Vieques; Crown Mountain, St. Thomas; Sprat Hall, St. Croix; St. George Hill/Brooks Hill, St. Croix; and punta Flamenco, Culebra prior to transfer of the sites to the US Coast Guard.

Environmental Restoration Mission

- *Fort Ritchie, Maryland.* ADVENT teamed with Shaw in support of the BRAC environmental restoration program. Accelerated site investigation and cleanup tasks were required to facilitate quick transfer of the installation property after closure in 1998, which included characterization of potential risks to human health and the environment from UXO at closed range areas and hazardous and toxic wastes. UXO clearance operations were provided for more than 218 acres. More than 105,000 surface anomalies were investigated and approximately 360 UXO and 580 inert, intact practice items were recovered and disposed. An innovative approach to digital geophysical mapping was developed during the project, using EM-61 technology to analyze an OE-affected area. More than 7,000 potential OE anomalies were investigated using this technology. A comprehensive integrated GIS has streamlined geophysical mapping interpretation and reporting.
- *U.S. Border Patrol Academy, South Carolina* ADVENT assisted the Department of Homeland Security with remediation and restoration of an existing small arms training range. The original earth backstop had received over 5M rounds of ammunition and had become saturated with bullets, fragments and lead dust. The concentration of lead was



creating a safety issue and the range was in danger of becoming unusable. ADVENT remediated the lead contaminated soil and installed a granulated rubber bullet containment system. The treated soil was utilized as structural fill for the bullet containment system. The new system reduces the damage to projectiles thereby reducing the amount of lead dust produced and is more conducive to recycling spent bullets. Maintenance efforts and associated costs are also greatly reduced. The Border Patrol Academy has recognized and adopted this technology as a means for sustaining and managing their training

Environmental Title I and Title II Missions

- *Apperson Chemical, Pompano Beach, Florida* ADVENT designed the overall remediation system for the site. On-site system components included a groundwater recovery and treatment system for remediation of a VOC contaminant plume, an infiltration gallery for reinjection of treated groundwater, and an SVE system for treatment of VOC-contaminated soils. Migration of the contaminants off site required design of three groundwater recovery wells, manifold piping, groundwater treatment system, and a drainage field for discharge of treated groundwater. The on-site system achieved cleanup standards in soil in just over two years.

Traditional Title I, Title II, and Other A-E Services

- *Grand Forks AFB, North Dakota.* Under ADVENT's 4P A-E Contract, ADVENT and our teaming partners are providing engineering testing and design services needed to evaluate the condition of the airfield pavements and design new pavements for the base's runway, taxiways, and ramps.