



ENVIRONMENTAL ENGINEERING

MISSION-READY SOLUTIONS. BUILT FOR COMPLEX ENVIRONMENTS.



U.S. Army Corps of Engineers – Baltimore, MD: Remedial Design, North Penn Area 1 Site

Performed project planning, field data acquisition/sample analysis, data evaluation, design, and preparation of plans and specifications for soil and groundwater remediation of this NPL site. Groundwater and soil on this site were contaminated with tetrachloroethylene (PCE).

U.S. Department of State – Worldwide: Environmental Engineering Services

Evaluated UST and POL systems and associated soil and groundwater contamination at overseas locations. Conducted contaminant analysis to determine contaminant migration from leaking USTs and the need for remediation. Developed remediation plans. Oversaw UST removals and soil remediation. Conducted Phase I/II environmental site assessments in South America, Europe, Asia, and Africa.

U.S. Army Corps of Engineers – Baltimore, MD: Groundwater Monitoring Program for Former NIKE Missile Facility, PA

Designed and executed a groundwater sampling program to evaluate the effects of seasonal water table fluctuations on groundwater quality, to ensure that volatile organics and petroleum hydrocarbons from leaking underground storage tanks did not reach the groundwater.

Operating Engineers Pension Fund – Baltimore, MD: Technical Support for RI/FS Evaluation of a State Superfund Site

Provided technical oversight, field investigation, and peer review for a remedial investigation/feasibility study at a site contaminated with VOCs and heavy metals. Evaluated geotechnical data, fracture zones, and contaminant fate and transport; evaluated soil and groundwater analytical data; and reviewed a pilot study to determine the feasibility and efficiency of contaminant removal via dual vapor extraction.

Food and Drug Administration – Rockville, MD: Provided Phase I and II Environmental Site Assessments

Leaking UST evaluations and tank tightness testing, site and waste characterizations, and effluent/wastewater sampling and analyses. Briefed senior officials on current environmental regulatory criteria, NPDES permitting and results of program audits.

Metropolitan Washington Airports Authority

From 1999 through 2004, PRD provided environmental engineering and industrial hygiene services to Washington Dulles International Airport and Ronald Reagan Washington National Airport.

SERVICES

- ENVIRONMENTAL SITE ASSESSMENTS
- PRELIMINARY ASSESSMENTS
- SITE CHARACTERIZATIONS
- RISK ASSESSMENTS
- RI/FS
- STORM WATER RUNOFF
- REMEDIAL DESIGN
- UST MANAGEMENT
- REGULATORY CRITERIA INTERPRETATION
- PERMITTING
- AIR QUALITY MONITORING

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