

BRINGING ALL THE RIGHT THINGS TOGETHER

ENVIROPROBE

INTEGRATED SOLUTIONS, INC.

DRILLING ♦ ENGINEERING ♦ ENVIRONMENTAL PROFESSIONALS

SERVICE BRIEF

*Mobile Remediation Trailer (MRT) Mobile
Treatment Unit (MTU)
Environmental Services*

Mobile Remediation

EnviroProbe Integrated Solutions, Inc (EnviroProbe) professionals have designed and implemented numerous soil and groundwater remediation systems and corrective action plans. EnviroProbe owns and operates two state of the art mobile remediation trailers (MRT) or mobile treatment units (MTU). The systems are designed to maximize remediation flexibility and economic efficiency of site remedial actions. The MTUs are great alternatives to expensive fixed remediation systems and is significantly more effective (in terms of cost and remediation progress) than other mobile options (i.e., vacuum truck events).

EnviroProbe's trailer-mounted MTUs consist of the following major treatment units:

- High-vacuum dual phase extraction (DPE) pump/blower (Rotary Claw)
- Air/water knock-out tank with transfer pump
- Oil/water separator (gravity drain to holding tank w/transfer pump)
- Air stripper with transfer pump
- Twin bag filter system
- Two activated carbon vessels (in series)
- Discharge meter
- Associated liquid sample ports on system intake (raw groundwater), pre-carbon, mid-carbon, and post-carbon
- Associated air sample port on air stripper discharge
- Associated liquid sample ports before and after bag filter
- Electronic controls to automatically trip transfer pumps on and off to maintain continuous flow through the MTU process

This system can easily be coupled with other remediation technologies or strategies including:

- Risk Assessment
- Voluntary Remediation Program
- Engineering and/or Institutional Controls
- Air Sparge/Soil Vapor Extraction (SVE)
- Bioventing
- Groundwater Pump and Treat
- Nutrient Augmentation
- In-Situ Chemical Oxidation
- Source Area Removal



Our professionals and scientists can also use computer modeling to predict remediation progress, verify pilot study results, and confirm that the final remedial design is the appropriate balance of feasibility, timeliness, and cost effectiveness. We will also provide planning and coordination with regulatory agencies and prepare necessary permits (i.e., NPDES, local POTW).

PEC Premiere ♦ PICS Auditing ♦ ISNetworld ♦ WV OM&GA ♦ WV IOGA ♦ WVONGA

www.enviroprobeinc.com

Headquarters 304.776.6717 ♦ Morgantown Office 304.381.4460