# **Capabilities Statement - Aestus, LLC**

## GeoTrax CSM+™ Conceptual Site Model Development Process

- ◆ GeoTrax Survey™ subsurface scanning to depths up to 400 feet
- ◆ GeoTrax Viz<sup>™</sup> data integration and 3-D visualization standard for all projects
- Ultra-high resolution CSMs enable clients to focus drilling and remediation work
- Collaborative process provides faster site cleanup at lower cost

## Applications

- Locate LNAPLs, DNAPLs, PCBs and other contaminants
- Map hydrogeology and contaminant preferential flow pathways
- Track injectate & monitor remediation effectiveness
- Delineate impacts to subaqueous sediments via surveys over water

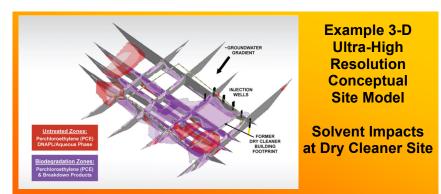
## **The Aestus Difference**

#### GeoTrax Survey™ Subsurface Imaging

- More accurate than standard electrical resistivity imaging (ERI)
- Intellectual property developed at Oklahoma State University
- "Drillable" images provide targeted drilling/remediation
- Geology independent (works in clay, silt, sand, bedrock, etc.)

## GeoTrax Viz™ Data Integration

- ◆ 2-D figures: GeoTrax Survey<sup>™</sup> images with historical data
- 3-D visualization model: Aestus' imagery with drilling data
- Capitalizes on clients' investment in historical drilling data
- Yields ultra-high resolution site characterization CSMs

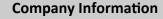


## **Past Performance & Representative Clients**

Founded in 2001, Aestus has served over 125 clients (USA and Internationally) Historical client markets include: Federal, State, and Local Regulatory Agencies, Environmental Consulting Firms, Industry Clients, Military Clients & Insurance Companies

- ♦ US EPA
- US Air Force
- US Navy
- ♦ CO Oil and Public Safety Division
- New Mexico Environment Department
- ♦ NYSDEC
- ♦ AMEC (USA and Europe)
- Burns and McDonnell
- ♦ CH2M Hill
- ♦ ERM

- MWH (USA and Taiwan)
- ♦ AECOM/URS
- Chevron
- Lockheed Martin Corporation
- Northrop Grumman



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GeoTrax vs. Standard ERI

