

Integrated Site Investigation Solutions

Stone Environmental, Inc. (Stone) provides rapid-adaptive, high-resolution site characterization field service solutions to environmental consultants, companies and government agencies. Our solutions consist of powerful, specialized technologies and techniques that enable site investigators to more effectively meet their clients' environmental challenges.

Stone provides vertical groundwater profiling (Waterloo^{APS}™), NELAP-accredited onsite laboratory services (MobiLab™), characterization of rock environments via the discreet fracture network approach (CORE^{DFN}™), membrane interface probe (MIP) surveys, direct push technology (DPT) services, data management, and 2D and 3D visualization support.

Services



The Waterloo Advanced Profiling System (Waterloo^{APS}) is a subsurface data acquisition system that collects both groundwater samples and an integrated set of companion data in a single, continuous direct push. Uniquely offered by Stone, the Waterloo^{APS} is a proprietary modification of the original Waterloo Profiler developed by Dr. John Cherry's research team at the University of Waterloo.

The Waterloo^{APS} is the premier tool for groundwater profiling because of its short vertical sampling interval and unique dual screen sampling port design. It captures with pinpoint accuracy the significant changes in contaminant concentrations that can occur in just centimeters, while reliably providing defensible quality groundwater samples.



Stone's MobiLab™ is a NELAP-accredited onsite analytical service that provides near real-time, definitive,

field-based analysis of volatile organic compounds (VOCs) in groundwater, soil and soil gas media. We generate, manage, and present fully defensible analytical chemistry data onsite, offering the subsurface investigation and remediation community a timely and extremely reliable product.



Characterization of Rock Environments – Discreet Fracture Network Approach is a unique solution for investigating contamination in fractured, porous bedrock aquifers. Developed by Professor Beth Parker and her research team, CORE^{DFN}™ includes specialized techniques for sampling, rapidly extracting and analyzing contaminants present within the rock matrix to assess the effects of diffusion of contaminants from fractures into the porous rock matrix and subsequently back out of the matrix and into the groundwater in the fractures.

Membrane Interface Probe (MIP)

The MIP is a rapid screening tool for locating volatile organic compounds in the subsurface. Invented and manufactured by Geoprobe Systems®, the MIP collects real-time, vertically continuous data on the distribution of VOCs as well as subsurface electrical conductance (EC).

Contacts

Seth Pitkin; Vice President, Senior Hydrogeologist
spitkin@stone-env.com / (802) 229-2192

Mike Rossi, Laboratory Services Manager
mrossi@stone-env.com / (802) 229-2194

Jody Edwards, PG; Client Solutions Strategist
jedwards@stone-env.com / (802) 229-1881



535 Stone Cutters Way Phone / 802.229.4541
Montpelier, Vermont Fax / 802.229.5417
05602 USA Web Site / www.stone-env.com

High-Resolution Site Characterization

Systematic Project Planning/Support

Waterloo APSTM
ADVANCED PROFILING SYSTEM

MobiLabTM
DEFENSIBLE REAL-TIME
ANALYTICS

CORE DFNTM
DISCRETE FRACTURE
NETWORK APPROACH

**Membrane Interface Probe
Geoprobe® Services**

Data Management & Visualization

Field Investigation Services



STONE ENVIRONMENTAL INC

535 Stone Cutters Way
Montpelier, Vermont
05602 USA

Phone / 802.229.4541
Fax / 802.229.5417
Web Site / www.stone-env.com