

Successful site investigation begins with the end objective in mind.

EnSafe's geologists, scientists, and engineers understand and drive toward the shortest path to an acceptable solution for contaminated properties. We employ the latest advances in both field data collection and environmental information management technologies to support early, efficient decision making. Our investigations are thorough, streamlined, and cost-effective with up-front project planning, site model conceptualization/refinement, and robust data quality objectives/evaluation. We have performed soil-gas, soil, sediment, surface water, surface/subsurface soil, and groundwater investigations at thousands of sites in our 38+ year history, from small underground storage tank (UST) sites to large-scale National Priorities List/Superfund and Resources Conservation and Recovery Act (RCRA) Corrective Action sites.

creative thinking. custom solutions.

SITE INVESTIGATION TECHNIQUES

Fiber Optic Chemical Sensors
Gas Chromatography
High-Resolution Site Characterization
Infrared Spectroscopy
Laser-induced Fluorescence
Mass discharge and flux
Mass Spectrometry
Test Kits Supporting Field Analysis
X-Ray Fluorescence
Direct-Push Geotechnical Sensors
Groundwater & Soil Gas Samplers
Direct-Push Membrane Interface Probes
Ground Penetrating Radar
Magnetics for Environmental Applications
Ultra Violet-Differential Optical Absorption Spectroscopy

COMPUTER MODELING

EnSafe applies numerous computer modeling techniques as tools in characterizing site contaminants and predicting their future movements and potential degradation. We also maintain an inventory of current models for provision of modeling services.

COMPUTER-AIDED DRAFTING & GEOGRAPHIC INFORMATION SYSTEMS

EnSafe follows the Tri-Service Spatial Data Standards developed by the military for the use of Computer-Aided Drafting (CAD) and Geographic Information Systems (GIS). EnSafe has workstations that support both AutoCAD and Microstation. EnSafe is also observing the Federal Geographic Data Committee recommendations and the National Mapping accuracy standards. EnSafe's staff includes senior land development/CAD designers and technicians.

SURVEYING & MAPPING

EnSafe's GIS Division utilizes technology for field data migration and GIS mapping through the ESRI Software suite and can integrate a multitude of datasets into map and database submittals (e.g., utilities, public works, property parcels, topographic/geologic data). Our geophysical survey implementation and oversight data incorporates with other survey or GIS data for final map productions.

Comprehensive project management/ controls solutions
Brownfields redevelopment support
Multi-Potentially Responsible Party Superfund support
Community Relations Assistance
RCRA Corrective Action support
UST sites
Groundwater studies (fate/ transport & modeling)
Geophysical solutions (borehole & surface)
Geographic Information System solutions & mapping
EQuIS data management/ reporting
Vapor-intrusion studies
Statistically based data collection programs
Human health/ecological risk assessments

Contact Us

Paul Stoddard, CPG
(901) 372-7962
pstoddard@ensafe.com

Ginny Gray Davis, PG
(865) 693-3623
ggray@ensafe.com

TEL 800.588.7962

