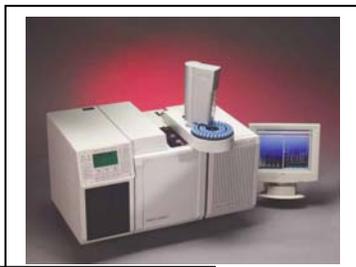




Emergency Mobile Laboratory

Threat Agent Field Identification and Community Monitoring

The State Public Health Laboratory utilizes a specialized Emergency Mobile Laboratory to screen and identify suspected chemicals and radiation in environmental samples. The Emergency Mobile Laboratory is a state-of-the-art mobile laboratory with on-board power generation capability, bio-safety cabinet sample containment provisions, chemical and radiation monitoring instruments, as well as satellite data communications. Currently, the Emergency Mobile Laboratory instrumentation includes a metrology package, hand-held and fixed real-time chemical monitors, and advanced laboratory analysis equipment for identifying threat agents in gas, liquid, and powder samples. After an incident, the Emergency Mobile Laboratory would be stationed in the field to monitor and collect samples on a continuous basis until safe levels of the chemical agents released had been attained. Data on the threat agent levels monitored in the field would be transmitted electronically to the State Public Health Laboratory in Richmond.



Chemical Vapor



Mystery Powder Identification



Combustion Source Detection



Criteria Air Pollutants



Chemical Sensor Transporter