

Leak Detection System

Apogee provides services and system sales for detecting methane and total hydrocarbon leaks from pipelines, production and storage facilities, landfills, and coal seam seeps.

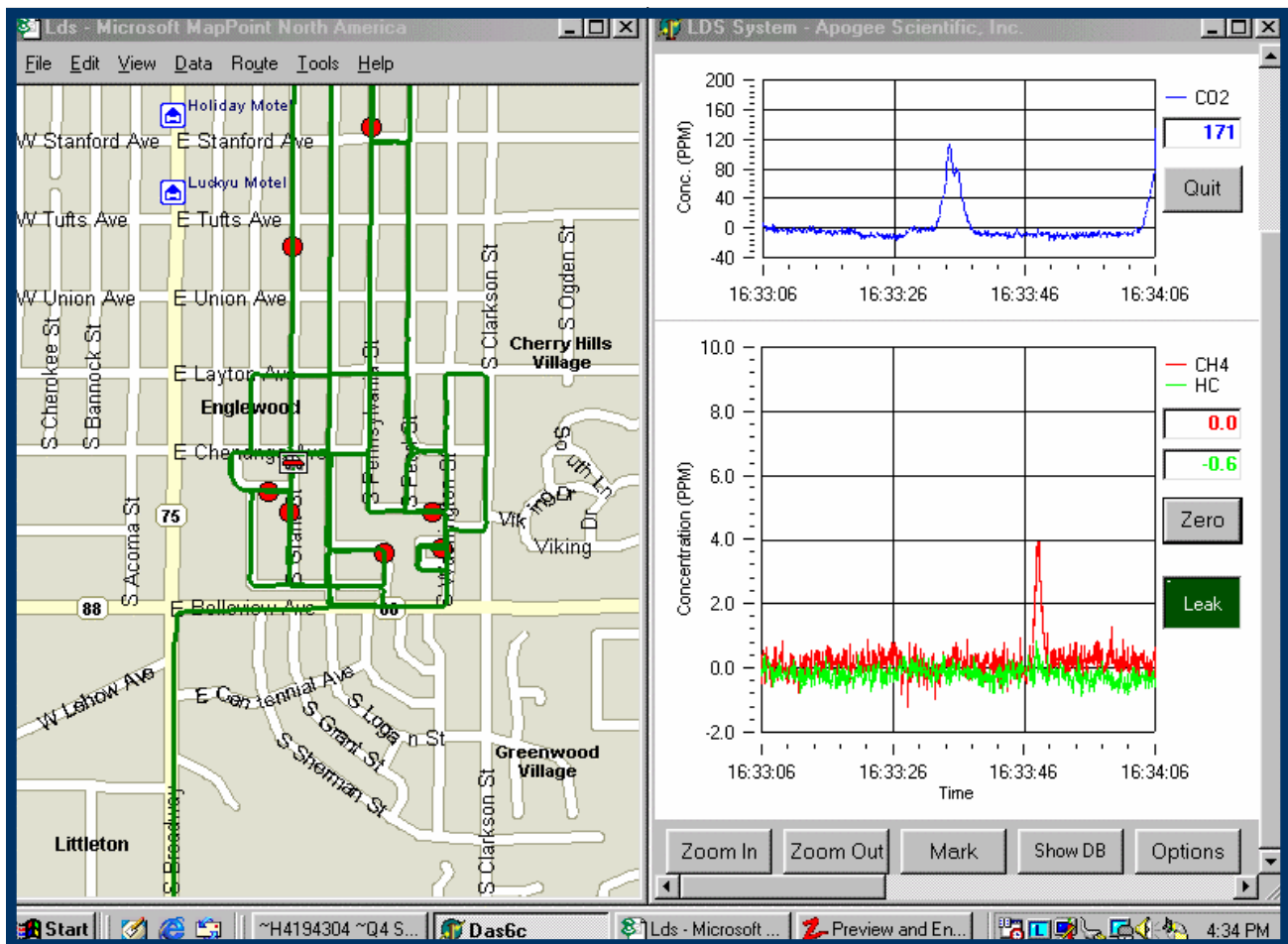
System Features:

- An advanced, innovative system that is sensitive, fast, and rugged
- Measures methane, total hydrocarbons, and carbon dioxide simultaneously at sub-ppm concentrations
- Monitoring rates of 50 samples/second
- Leak locations determined by GPS
- Advanced software allows for immediate processing of data
- Can be mounted on helicopters or ground vehicles



System Benefits

- **Improved system safety and integrity**
- **Saves time with fast mobile detection**
- **Saves money**
- **Maximizes accuracy with no false positives**
- **Simplifies reporting**
- **Operates easily, anywhere**



Above is a snapshot of the Leak Detection System onboard computer screen. The real-time map on the left panel shows the route the vehicle has taken (green line) and the methane leaks detected by the system (red circles). The right panel shows the real-time plots of methane (red line), total hydrocarbons (green line), and carbon dioxide (blue line) concentrations.

**For more information,
please contact:**

**John Wurster
Vice President
Sales & Marketing**

Phone: 303-783-9599, x24
Cell: 303-518-3473
Fax: 303-783-9607



The LDS system can be mounted on an off-road ATV type vehicle. The LDS is normally placed in a toolbox in the back of the vehicle with a 2-inch diameter hose running to the front for the air inlet. Power can come from the vehicle battery or from auxiliary batteries.