

# Air Monitoring Users Group

## RADNET Monitor Presentation

April 30 – May 3, 2007

Las Vegas, NV

## Environmental Radiation Air Monitor

- Gamma and Beta Real-time Monitoring
- Alpha and Gamma Background Compensation
- Automatic Flow Control
- Optional Weather Instrumentation
- Multiple Redundant Data Transmission Paths
- Deployed in 35 Cities Throughout the United States

# ERAM Features

- Gain Stabilized, Gamma Detector with MCA
- Rugged, Ion-Implanted Si Detector with MCA
- Automatic Flow Control with Variable Speed Blower
- Industrial PC for System Control and Display
- Automatic Data Transmission to Remote Base Station
- Redundant Communications with Remote Base Station
- Battery Back-up

# ERAM Antenna Mast



# Antenna Mast Instrumentation

- Wind Speed and Direction Sensor
- Environmental Temperature Sensor
- Cellular Phone Modem Antenna
- Satellite Modem

# Washington D. C. RADNET Installation



# Pittsburgh RADNET Installation

