

**REGULATORY & ENVIRONMENTAL  
SERVICES DEPARTMENT**  
Air & Water Quality Division



June 27, 1996

Mr. Jae Chang, Chemical Engineer  
Southwest Soil Remediation, Inc.  
3951 East Columbia Street  
Tucson, Arizona 85714-2155

**RE: Particulate Matter (PM), Carbon Monoxide (CO), and  
Visible Emissions (VE) Compliance Test Report  
Mayport Naval Station, Florida  
Mobile Thermal Soil Treatment Unit  
Test Dates: April 15 and April 16, 1996  
Permit No. AC37-276044**

Dear Mr. Chang:

This is to acknowledge receipt and acceptance of the above captioned test report, submitted May 31, 1996.

Southwest Soil Remediation, Inc. has fulfilled the requirements of PM, CO and VE testing as stipulated in the referenced permit.

It is noted, however, that the post-test dry gas meter (DGM) calibration of the Energy and Environmental Measurement Corporation's "2K" sampling box failed to meet the requirements of EPA Reference Method 5, section 5.3.2. Specifically, the value of Y, calculated to be 0.992, differed from the Y value of the last full calibration of this box, calculated to be 0.939, by 5.69%, which is greater than the allowable 5%.

Because emission results were calculated using the Y value (0.939) which results in the lower gas sample volume, as per section 5.3.3 procedures, the Air and Water Quality Division (AWQD) has accepted this test report as reasonable assurance of PM emissions compliance.

However, the AWQD hereby requires the Energy and Environmental Measurement Corporation to conduct a full calibration of sampling box "2K", as per section 5.3.1 procedures, as is required by section 5.3.2, prior to any future compliance testing of Duval County air pollution sources.

If there are any questions concerning this matter, please contact Mr. Wayne Walker at (904) 630-3484.

Very truly yours,

A handwritten signature in black ink, appearing to read "Wayne E. Tutt".

Wayne E. Tutt, QEP  
Associate Engineer

WET/WLW/sa

c: Mr. Rafael Guillen, EEMC/Tucson  
AWQD File 2285 B



421 West Church Street - Suite 422  
Jacksonville, Florida 32202-4111

**Air Quality 630-3484  
Water Quality 630-3461  
Ground Water 630-4900  
Hazardous Materials 630-3404**