

## Workshop will focus on:

- Understanding the importance of properly assessing the continuing source zone.
- The importance of using consistent soil description methods and soil collection techniques.
- Methods to identify potential contaminated continuing source zones.

## Lecture and discussion topics:

- Need for accurate sampling
- Protocols for collecting sleeved soil cores and soil vapor profiling
- Soil data interpretation
- 3D analysis of the source zone
- Computer modeling techniques
- Alternative EPA 5035 soil sample preservation method
- Soil clean-up confirmation tool

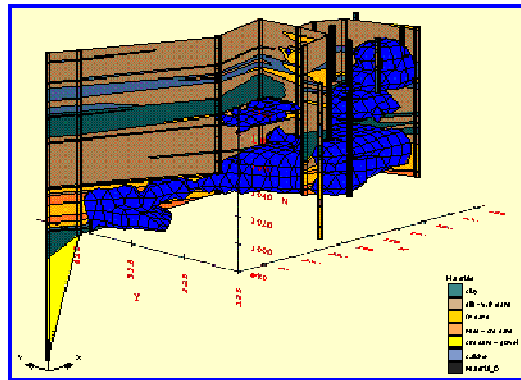
## The workshop also includes:

- Classroom instruction about innovative soil sampling & soil vapor data collection techniques
- Hands-on data interpretation exercises, including cross-section construction and mapping
- Introduction of gamma log application to site delineation
- 2D & 3D computer-generated data interpretation presentation

## *Soil Data Acquisition and Interpretation Workshop*

Developed by:

The Oklahoma Corporation Commission  
Petroleum Storage Tank Division



## Course Highlights:

A comprehensive two-day hands-on workshop designed for environmental professionals and technicians to learn how to use an innovative soil sampling and soil vapor data collection technique to obtain consistent field soil vapor data and lab analysis results. Also covered is vapor data interpretation and the use of computer software to achieve better site assessment and site remediation approaches.

## SOIL DATA ACQUISITION & INTERPRETATION WORKSHOP

*“Time is Money”*



Developed by the:  
Oklahoma Corporation Commission  
Petroleum Storage Tank Division

## Cost:

Pre-registration for 2-day workshop is:

- **\$450.00** - Non-Govt. - per person
- **\$0.00** - Tribal, State & Federal Govt.,  
City & County Employees

Government/Civil host group may be asked to arrange and cover meeting facility costs.

Pre-registration is refundable up to **2 weeks** prior to course start date except for a **\$45.00** cancellation fee.

## Each participant will receive:

- Comprehensive workshop manual.
- A 16-hour continuing education certificate.

## Course Schedule

### Day 1 a.m. ( 8:00 – 4:30 )

- Registration
- Introduction
- Soil Sampling and Data Collection
- Soil Description
- 3D Analysis of the Continuing Source Zone
- Procedure for 3D Delineation of the Continuing Source Zone
- 3D data synthesis & interpretation - individual exercise

### Day 2 a.m. ( 8:00 – 4:30 )

- Individual exercise presentations
- 3D data synthesis & interpretation - group exercise
- Group exercise presentations
- Application of Gamma Log Technology to LUST Sites
- Applied Computer Modeling

## Registration Form:

### **Soil Data Acquisition & Interpretation Workshop**

- (1). Contact Andy Walker at (405) 522-1434 ;  
-or-
- (2). Complete the following form and fax to (405) 521-4945:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Enclosed is a check payable to:  
Oklahoma Corporation Commission

Tribal / Government / City /County  
Employee (no fee required)

Class size is limited to 25 people

### Fax or mail registration to:

Oklahoma Corporation Commission  
Petroleum Storage Tank Division  
P.O. Box 52000.  
Oklahoma City, OK 73152-2000  
Fax: 405-521-4945

## Continuing Source Zone Identification

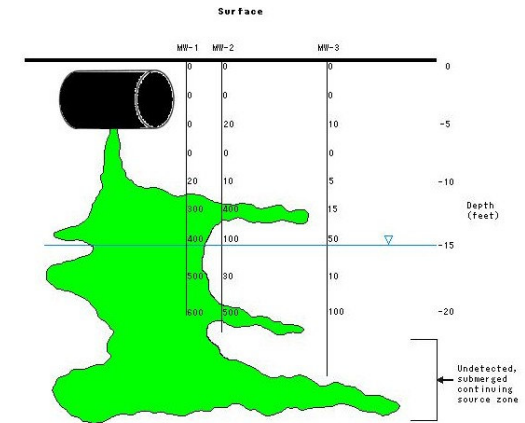


Figure 1:  
Conceptual model of varying water table elevations  
and the impact on free product and the continuing source zone



**Call 405-521-4683**

For further information or to enroll, contact  
Andy Walker, Workshop Coordinator, at  
405-522-1434