



Bovaird Supply Company LLC  
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Dr. Kerry Sublette is the Sarkeys Prof. of Environmental Engineering at the University of Tulsa. He has over 25 years of experience in a wide variety of bioengineering problems including biodegradation of hydrocarbons in soil and groundwater and remediation of brine-impacted soils. Dr. Sublette has 13 patents and over 100 publications in bioprocessing, bioremediation, brine spill remediation, and restoration of soil ecosystems. He chairs the annual Intl. Petroleum Environmental Conference and has also provided training in soil remediation for EPA on-scene coordinators and the EPA Oil Spill Program.

### **A one-day workshop instructed by Dr. Kerry Sublette, University of Tulsa and Sublette Consulting, Inc.**

This pragmatic workshop teaches hydrocarbon and brine spill remediation in a way that is particularly relevant to technical and field personnel from oil companies, oil service companies, and environmental service companies, as well as land men, environmental attorneys, non-technical personnel supporting engineers and geologists, state and federal regulators/technicians, agricultural extension agents, and soil scientists. Participants learn how to design, plan, and implement full-scale soil remediation projects as well as learning how to establish vegetation on remediated sites.

**May 15, 2012  
Midland, TX  
8 am - 5 pm**

#### **Course Location Specifics**

**Midland, TX  
Midland College PPDC  
105 W. Illinois**

#### **How to enroll**

- The cost of the workshop is \$330 for each attendee.
- To enroll for the Midland workshop go to the PPDC website ([www.midland.edu/ppdc](http://www.midland.edu/ppdc)) or call (432)683-2832. The course number is G086 113Q.



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## Reviews

**"This was one of the best and most informative workshops I have ever attended for my continuing education credits",**

**B.G., Arcadis**

**"This course is key to successful approaches to site clean ups. Consultants, industry operators, and regulators all will benefit from Dr. Sublette's presentation"**

**M.D., Conestoga-Rovers**

**An excellent course, especially for any service company claiming to be practitioners of land-farming and bioremediation techniques"**

**P.P., BP Exploration, Ltd.**

## Course Agenda

### **Bioremediation of hydrocarbons in soil:**

How it works, making hydrocarbons available to the bugs, creating the right soil conditions, sampling and analysis of hydrocarbons in soil, landfarming recommended practice (nutrient requirements, supplying air, moisture, bulking agents, monitoring, maintenance, etc.).

### **Remediation of brine contaminated soil:**

Key soil parameters in brine remediation (EC, SAR, ESP), effects of salt on soil structure, water requirements for leaching, maximizing water infiltration, drainage patterns, protecting groundwater, amendments, etc.

### **Restoration and revegetation of remediated sites:**

Restoring soil fertility, preparing a seedbed, establishing plant cover, maintenance and sustainability, moisture, etc.