

EIC Products & Services

- Environmental Assessments
- Environmental Remediation
- Environmental Audits
- Hazardous Waste Management
- ISO 14000 Audit Compliance
- Risk & Hazard Assessment
- Safety Products & Services
- Spill Prevention & Control
- Waste Minimization
- Water & Wastewater Treatment



EIC's NET system-Practical , Cost Effective , Simple—yet delivers the best performance for remediating Petroleum Spills



Environmental International Corporation
11690 Teasley Place
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ADNOC
Abu Dhabi, UAE

Presents

Assessment & Remediation of LNAPLs in the Subsurface Environment



A Seminar detailing the Latest Environmental & Telemetry Innovations in the USA

January 15, 2003

Seminar conducted by:
Environmental International Corporation
11690 Teasley Place, Alpharetta
GA 30004, USA

A Technical Seminar for Environmental Professionals

The USA spends millions of dollars annually to combat petroleum spills. These spills take place not only on the surface but in the subsurface. While surface spills have been addressed with a myriad of technologies, do you ever wonder what lurks in the subsurface environment?



Latest subsurface probe technology saves time and money!!

Often slow leaks from storage and conveyance systems are unrecognized as a loss. With the price of fossil fuels reaching the astronomic highs, it is ever more important to ensure that this precious commodity is properly managed.

This short course reviews the latest technologies employed in the USA for addressing subsurface release of petroleum products. The course will also review techniques for remote monitoring and bi-directional communication of field parameters utilizing advanced telemetry devices. Alternate sources of energy such as solar and wind power use in remediation will also be discussed.

Session 1: Assessment

Investigating LNAPLs in the subsurface not only requires proper education and expertise but also attention to detail. EIC has vast experience in conducting thorough assessment of LNAPLs in a subsurface environment. EIC will review a step-by-step procedure in conducting a comprehensive investigation which delineates both the horizontal and vertical extent of LNAPL. The course will begin by outlining state-of-the-art methods used in assessing the subsurface, followed by detailed procedures for locating and designing monitoring wells and recovery wells. The course will also outline comprehensive monitoring programs, detailed evaluation procedures, and related technologies that should be implemented for successful execution of an assessment program.

Session: 2 Remediation

After a clear delineation of the extent of the



Comprehensive monitoring and detailed evaluation is key to success

LNAPLs in the subsurface, the next step is to determine the appropriate techniques for remediating the plume.

How do you select the appropriate technology for remediation? This session will outline different options available in conduct-

ing remediation of LNAPLs and a procedure for selecting the appropriate technology. EIC will also outline a step-by-step



Managing Above-ground Storage Tanks releases can be a challenge.

procedure for implementing a selected technology.

Finally, the course will outline simple but

cost effective methods of conducting the operation and maintenance activities. The course will also include telemetry methods used in the USA to reduce operation and maintenance costs and to increase the operating efficiency.

Mark Your Calendar!!

Date: January 15, 2003

Time: 8:00 AM to 2:00 PM

Venue: Corniche Club
ADNOC Auditorium, Abu Dhabi,
United Arab Emirates



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