

FPRW 2010
July 18- 21, 2010
TradeWinds Island Resort, St. Pete, Beach, Florida
See www.flworkshop.com for full program and other details

Sunday July 18th

2 – 5 pm **Open discussion forum on technical and managerial issues.**

Cash Bar, or Open Bar if sponsor is willing

2:00-3:00 Organic Analyses in Support of the Recent Gulf Coast Oil Spill

3:00-3:30 Anecdotes from Auditors and the Audited

3:30-4:00 Anecdotes from Company Phone Service Representatives

4:00-5:00 FDA's Pesticide Monitoring Program: Overview, Regulatory and Analytical Challenges,
and Guidance for Private Labs Conducting Pesticide Residue Analysis

Descriptions

1) Special Session on Organic Analyses in Support of the Recent Gulf Coast Oil Spill

On April 20, 2010, an offshore drilling rig, the Deepwater Horizon, exploded and caught fire in the Gulf of Mexico near the coast of Louisiana. Not long after, the rig sank and oil started leaking from the well, with some current estimates at 5000 barrels per day. Despite containment and mitigation efforts, the oil has spread over a large area and the event could be one of the largest environmental and economical disasters in US history. The impact includes sensitive wetlands with large bird and animal populations, the gulf fishing industries, and tourism.

Laboratories in the US are already gearing up for analyses that will determine the extent of the oil spill, including for water, soil, sediments, fish and shellfish, and air. Proposed organic analyte lists include volatile organic chemicals, semivolatile organic chemicals, polycyclic aromatic hydrocarbons (PAHs) and total petroleum hydrocarbons (including those in the gasoline and diesel and oil range).

Given the timing of the spill and since many FPRW attendees are from Gulf Coast states in the impacted area, in conjunction with having many analytical experts in one place, we propose a special discussion on the analysis of samples arising from the spill. The session will be facilitated by Jack Cochran of Restek Corporation. The one hour discussion format will be:

Topics introduced by slides (includes analytes, available and proposed methods, etc.).

Open forum discussion with FPRW attendees.

Summary suggestions for sample preparation and instrumental methods to be used.

2) Anecdotes from Auditors and the Audited and Anecdotes from Company Phone Service Reps

This discussion is meant to share experiences, laughs, and perspectives from different points of view to enlighten and entertain the participants. There is often an uncomfortable relationship between chemists and quality assurance officers who oversee their work and results. The point of sharing the anecdotes is for both groups to vent a little, provide their side of the story, and give constructive suggestions to each other.

The anecdotes from the phone service representatives will be sure to contain some doozies to elicit some laughs, and potentially save chemists the embarrassment of making similar bone-headed mistakes themselves. Sound advice will be provided along the way.

3) FDA's Pesticide Monitoring Program: Overview, Regulatory and Analytical Challenges, and Guidance for Private Labs Conducting Pesticide Residue Analysis

In the U.S., the Environmental Protection Agency (EPA) has the responsibility of pesticide registration, determining legal uses of registered pesticides, and establishing tolerances for residues that may remain on foods. The U.S. Food and Drug Administration under its pesticide monitoring program enforces pesticide tolerances for all foods and animal feeds, except for meat and poultry which is the responsibility of the U.S. Department of Agriculture (USDA).

A brief description of FDA's regulatory monitoring program will be discussed, covering its priorities, resources, interactions with EPA and USDA, general findings, and the enforcement tools it has available.

The analytical challenges that the program faces along with new methods and instruments for increased pesticide residue monitoring will be addressed next. Regulatory science for pesticides is aided through many partnerships with other Federal, State and Local agencies, Academia, Industry and International affiliates.

Lastly, an overview of the relationship between private labs that conduct pesticide residue analysis for FDA-regulated products and FDA will be presented. Guidance on private lab package submission will be offered as well as some pitfalls to be avoided.

The presentation will include slides and video, and the opportunity for questions and answers.