

## 2015 Environmental Conference

Grand America Hotel Salt Lake City, Utah October 18 – 20, 2015



## 2015 ENVIRONMENTAL CONFERENCE OCTOBER 18-20, 2015

The AFPM Environmental Conference focuses on environmental regulatory and policy issues at the facility level. The sessions are designed to address the impacts of various environmental regulations on refineries and petrochemical operations and to provide compliance solutions and procedures for facilities. More than 350 environmental representatives from refinery and petrochemical plants and service organizations attend, providing an excellent opportunity to network with peers, sharing similar problems and challenges in the refining and petrochemical industries.

#### **SPONSORS**

AFPM thanks our sponsors:

#### **ERM**

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#### **Barr Engineering**

Poster Session Reception

#### **TRICORD Consulting**

Hotel Room Drop

#### **Trihydro Corporation**

Mobile Charging Station

#### **Trinity Consultants**

Conference Bags

#### **SCHEDULE OF EVENTS**

Sunday	October 18, 2015

12:00 pm – 5:30 pm Registration / Badge Pick-up

1:00 pm – 5:30 pm Workshop

#### Monday October 19, 2015

7:00 am – 6:00 pm Registration / Badge Pick-up

7:00 am - 8:00 am Early Bird Coffee & Rolls

8:00 am – 8:45 am Keynote Address

8:45 am – 10:00 am Water Issues Session

10:00 am - 10:20 am Coffee Break

10:20 am - 12:00 pm Air Issues Session

12:00 pm – 1:30 pm Luncheon with Speakers

1:30 pm – 3:00 pm Remediation and Other Issues Session

3:00 pm – 3:15 pm Coffee Break

3:15 pm – 4:30 pm Refinery Sector Rule Session

4:30 pm – 6:00 pm Technical Posters & Reception

#### Tuesday October 20, 2015

7:30 am – 2:00 pm Registration / Badge Pick-up

7:30 am – 8:00 am Early Bird Coffee & Rolls

8:00 am - 10:00 am NAAQS Session

10:00 am - 10:20 am Coffee Break

10:20 am - 12:00 pm RMP / SSM Session

12:00 pm – 1:15 pm Luncheon

1:15 pm – 3:00 pm Flare Management Session

Cover photograph @Shutterstock

## 8:00 am – 8:45 am **Keynote Address**

Chet Thompson, President,
American Fuel & Petrochemical
Manufacturers

8:45 am - 10:00 am
Water Issues Session

## The Petroleum Refining Effluent Guidelines

Andrew Edwards and Lial Tischler,
Ramboll Environ

Novel Approach for Removing Selenium from Phillips 66 Ponca City, OK Refinery Wastewater

Jeffrey Meyers, C.H. Guernsey & Company

Implication to Refiners of the Expansion of the U.S. Definition of "Waters of the U.S."

Ron Crum, AECOM

10:20 am - 12:00 pm **Air Issues Session** 

#### **Boiler MACT/CISWI Implementation**

John Joyce, Sage Environmental Consulting

#### **Ethylene Residual Risk**

Blake Yarbrough, Sage Environmental Consulting

New and Updated Emissions Factors: Strategies for Updating Permit Limits and Reports While Minimizing Enforcement Risk

LeAnn Johnson Koch, Perkins Coie LLP

At the Corner of "Next Gen" and "No SSM": Potential Issues in Defending Agency Enforcement Actions, Citizen Suits, and Community Tort Litigation Stacie Fletcher, Gibson, Dunn & Crutcher 12:00 pm – 1:30 pm Luncheon with Speakers Crude by Rail / Environmental

Groups Anti-Shale Strategy

Geoffrey Swett, E.Vironment Lowell Rothschild, Bracewell & Giuliani LLP

1:30 pm – 3:00 pm

Remediation and Other Issues Session

#### Real Updates to RCRA

Angela Martin, Heritage Environmental

Odor Issues at Industrial Facilities: A Legal Framework

Greg Johnson, Liskow & Lewis

EPA Guidance Review and Case Studies - Terminating Post-Closure Care Permits and Waste Analysis Plans for TSDFs

Catriona Smith, CH2M HILL

3:15 pm – 4:30 pm Refinery Sector Rule Session

Overview of Refinery Sector (RTR) Rule Dave Pavlich, Phillips 66

EPA's Fenceline Monitoring Program - What Will It Bring?

Phil Norwood, ERM
Jeff Mensinger, Big West Oil, LLC

**Panel Discussion** 

4:30 pm - 6:00 pm Poster Session & Reception

Air Permitting Impacts of New Emissions Estimation Techniques for Heated and Hot Product Storage Tanks

John Colebrook, Trinity Consultants Glenn Long, Marathon Petroleum Corporation

Permitting Startup, Shutdown, and Maintenance Emissions: Its Coming....be Prepared!

Joe Ibanez, TRICORD Consulting

Permeable Absorptive Barriers for LNAPL Migration Control

Jeff Gentry, CH2M HILL

**Portable Control Devices** 

Tara Weatherford, Sage Environmental Consulting

New Methods to Monitor Subsurface Petroleum Degradation

Jeff Gentry, CH2M HILL

Evaluating Modification under NSPS GGGa and Interpretations of the Stay of the Capital Expenditure Definition

Inaas Darrat, Trinity Consultants

Appropriate Treatment of Tank
Degassing and Cleaning Events,
With A Focus On Air Emissions
Estimation Methodology and
Control Practices, State and
Federal Permitting Impacts, and
Emission Inventory Reporting

Tony Shoberg, Barr Engineering Company Rob Ferry, TGB Partnership

Validation Test for Real-Time Direct Remote Monitoring of Flare Combustion Efficiency

Zeng Yousheng, Providence Photonics, LLC

Eliminating H2S and SO2 Emissions at SRU, Coker and other Sulfur Handling Units of Refineries
Sean Kirkpatrick, Vapor Point LLC

P&ID-Based Compliance Reviews -Environmental Compliance Risk and Operating Cost Reductions: Case Study and Strategy at the Marathon Garyville Refinery Shane Kling, Environmental Intellect

continued on next page

#### MONDAY OCTOBER 19, 2015

#### Updated Ammonia Criteria and the Impact on Refinery Wastewaters

Teri Horsley, Sage Environmental Consulting

## Tank Emission Tracking Tools: A Comparative Analysis

Gary Vegh, ERA Environmental Management Solutions

#### Wind-Driven Air Sparging Pilot Study

Justin Pruis, Trihydro Corporation

#### NSPS QQQ Capital Project Review Process

Emily Barron, Sage Environmental Consulting

#### **BWON and Chemical Plants**

Dawn Neal, Sage Environmental Consulting

# Upcoming Changes to EPA's Risk Management Program: Implications for Industry, Emergency Responders and Communities

David Heinold, AECOM

#### Implementation of a Fenceline Air Monitoring Program at the BP Whiting Refinery

Bryan Benaway, AECOM

#### **Whole Effluent Toxicity Testing**

D'Ann Wilkins, Sage Environmental Consulting

#### TUESDAY OCTOBER 20, 2015

## 8:00 a.m -10:00 am NAAQS Session

#### Recent Developments in Emissions Banking and Trading

Matt Kuryla, Baker Botts LLP

### Ozone NAAQS Planning Considerations

Zach Craft, Baker Botts LLP

## New Modeling Guidance and Requirements - What To Do About It All?

Andrew Woerner, ERM

## 2016: A Year of Intensive Activity for SO2 NAAQS Implementation

Robert Paine, AECOM

#### PM10/2.5 Emissions from Gas-Fired Refinery Boilers and Heaters: Test Methods, Results and Better Emission Factors for Air Quality Impact Assessment

Glenn England, Environcorp

## 10:20 am - 12:00 pm RMP/SSM Session

#### The One-Two Punch: Risk Management Program and General Duty Clause Enforcement

Jean Flores, Guida, Slavich & Flores, P.C.

#### Implications of EPA's SSM SIP Call

Matt Kuryla, Baker Botts LLP

## RMP Changes Affecting Refineries and Petrochemical Plants

Sue Sung and Natalie VanLiew, Trinity Consultants

#### **REGISTER NOW AT AFPM.ORG**

## 12:00 pm – 1:15 pm **Luncheon**

#### 1:15 pm - 3:00 pm

Flare Management Session

#### Reporting Emissions from NSPS Ja Flares – Are You Contemplating An On-Line Flare Gas Moisture Analyzer or TDLS to Determine Moisture Content?

John Joyce, Sage Environmental Consulting

#### Pros and Cons of Flare Monitoring Instrumentation for Compliance with NSPS Ja

Derek Stuck, Sage Environmental Consulting

#### Evaluation of Alternative Methods for Remote Monitoring of Petrochemical Flare Operating Efficiency

Michael Miller, Huntsman International LLC

Jason Graves, Waid Environmental

#### Finishing and Maintaining Your Flare Management Plan: Before and After November 11

Linda Bartlett, ERM

#### 1. Conference Registration

Log on to AFPM.org then click "Register Now" or complete the enclosed registration form. Registration includes admission to the General Sessions, the Reception and Poster Session on Monday, and luncheons Monday and Tuesday. Refer to the registration form for conference fees. You'll save \$100 off full conference registration if you register by September 11.

#### 2. Workshop Registration

Registration must accompany a paid conference registration. Save \$50 off the workshop fees if you register by September 11.

#### 3. Hotel Reservations

Reserve your hotel on-line when you register at www.afpm.org and receive an immediate acknowledgement of your reservation. Or, fill in the appropriate space on the enclosed registration form. Hotel reservation requests will be processed in the order received by the AFPM. Get immediate acknowledgement on-line but allow 1 week if submitted to AFPM.

September 11, 2015, is the cut-off date for making hotel reservations, cancellations or substitutions through AFPM or on-line. Beginning September 21 reservations, substitutions, or cancellations must be made through the hotel directly.

Hotel Cancellation Policy:
Any reservation not cancelled within
24 hours of arrival date is subject
to a charge of the nightly rate for first
night of stay to be charged to the
individual credit card used for guarantee.

#### 4. Spouse Registration

For just \$100.00, your spouse can join you at the Poster Session Reception as well as the included business sessions.

#### 5. Payment

Pay by credit card. AFPM accepts Visa, MasterCard or American Express.

#### 6. Travel

AVIS is the official rental car agency for the ENV. Call 800.331.1600 and refer to AWD#:B761300 to receive discounted rates.

#### 7. Confirmation

Your registration will be confirmed via e-mail if you provided us your email address.

#### 8. Sponsorships

Sponsorship opportunities available. Contact Jenessa Jensen at 202.457.0480 or email at jjensen@afpm.org.

#### 9. Attire

Business Casual (No tie; jacket optional)

#### **Cancellation Policy:**

Registration cancellations must be submitted in writing and faxed to 202.835.0467 or e-mailed to ENV@afpm.org. Substitute conference registrations may be made in advance or on arrival with no penalty. Substitutions can be made on-line by the individual who entered the registration or can be submitted in writing to ENV@afpm.org.

Cancellations may be made by September 11, 2015 with no penalty. Written cancellations postmarked, faxed, or emailed between September 12 and October 2, 2015 will receive a refund of fees, less a \$50 processing fee. No refunds after October 2, 2015. No telephone cancellations.

#### Fee Policy:

Eligibility for rates:

Member Fee – The member rate is based on membership information currently on file with AFPM. If your company is not currently a member, the non-member fees will be charged to your credit card.

Local Fee – Eligibility for the local fee is limited to those who will be commuting from home to the conference each day.

#### **Registration Policy:**

Those who are present at the site of an AFPM meeting and/or occupy a hotel room in the APFM room block to conduct business with industry personnel gathered for that meeting are expected to register for that meeting and pay the registration fee, whether or not they attend a specific function.

#### Spouse/Guest Policy:

A guest is a spouse/significant other, friend or an adult child (18 years old or older) who is not in an industry-related occupation. A coworker, an associate or spouse who works within the industry may not use the Spouse/Guest registration category.

#### Photo Release:

By registering for this conference, I hereby grant AFPM, its licensees and assigns, the right to use my name, biographic material, as well as, photos, or videos taken of me during the conference in news media, websites, publications, programs, articles, and/or marketing materials.

#### Ethical Responsibility and Professional and Personal Conduct Code

The American Fuel & Petrochemical Manufacturers ("AFPM") has adopted the following "Ethical Responsibility and Professional and Personal Conduct Code" (hereinafter, "the Code"). Every member of AFPM, their designated representatives, and non-member attendees at all AFPM meetings and forums agree to abide by the Code as a condition of membership in AFPM and attendance and participation at AFPM meetings and forums.

The Code requires the following of all individuals attending AFPM meetings and forums:

- Adherence to the AFPM bylaws and the AFPM policies and procedures, as adopted by AFPM's Board of Directors.
- Strict compliance with federal antitrust laws.
- Adherence to all applicable federal and state laws.
- Maintenance of the highest level of professional and personal ethical behavior while attending AFPM meetings and forums.
- Prevention of certain behaviors, including harassment, violence, intimidation and discrimination of any kind involving race, color, religion, national origin, gender, sexual orientation, age, disability or, where applicable, veteran or marital status.

- Assurance that conduct at all times and in all professional and personal dealings with each other and other attendees is with the highest level of integrity and courtesy.
- Sharing of knowledge and expertise as speakers at AFPM educational events and sessions whenever practicable, without soliciting or explicitly promoting their own organization's products or services.
- Working to instill public and consumer confidence in the petrochemical and refining industries, its member companies, and its professionals, avoiding any action conducive to discrediting members of AFPM.
- Refraining from scheduling general attendance meetings, receptions or other events at times that conflict with substantive programming or social events at AFPM meetings without express written permission of AFPM.

Failure to abide by the Code may result, for the first offense, in informal censure of a company or individual by the AFPM Executive Committee. If violations of the Code continue after such an informal censure, a company may be subject to expulsion from AFPM, or an individual to exclusion from participation in AFPM activities, by the Board of Directors.

#### **Entertainment Policy**

We ask your cooperation in observing Association policy on activities held in conjunction with any AFPM meeting:

- Meetings or social activities should not be scheduled that take registrants away from AFPM programs and AFPM sponsored activities;
- Any company sponsoring a function to which 25 or more people are invited should outline its plans for advance approval by AFPM. In general, such functions will be approved if they do not unduly take registrants away from AFPM-sponsored activities;
- All representatives of companies sponsoring hospitality activities are expected to register for the meeting;
- Hospitality suites are expected to close by 1:00 a.m.;
- Food, beverage and service personnel (bartenders, hostesses, etc.) must be obtained through the hotel catering department;
- Suite promotional activities are to avoid the use of elaborate entertainment, expensive door prizes, suite attendance solicitation by individuals who are not full-time employees of the sponsoring company, or other similar activities.

#### **REGISTRATION FORM: ENV15**

Register on-line.

Register by September 11th – Save \$100. Save \$200 on full registration by reserving a room in the AFPM room block.

Payments to AFPM are not deductible as charitable

**Step 3: Payment Information** 

Step 1: Attendee Profile	
Please fill out completely. Badges will be printed from this	ò

information.			contributions for federal income tax purposes. However, they may be deductible under other provisions of the				
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Sunday 10/18 – Workshop			Special Requests Room Guarantee:	•	<ul><li>□ Other</li><li>□ VISA</li></ul>		
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Name of Member Company

Not sure if your company is a member? Click here.

Register on-line to receive immediate acknowledgement of hotel. September 11th is the final cut-off date to reserve a room. Contact the hotel directly with changes or cancellations beginning September 21, 2015.

#### Register by Fax:

Frequent Guest Number

Signature

Register by fax with credit card information to 202.835.0467.

#### Register by Mail:

AFPM 1667 K Street, NW Suite 700 Washington, DC 20006