

September 20-21, 2010

2010 Environmental Conference: Advance Program

The Westin Riverwalk
San Antonio, TX



September 20-21, 2010

2010 Environmental Conference: Advance Program

The NPRA 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.

NPRA Workshop: Clean Fuels

Conference Co-Chairs:

Christopher Swanberg, CVR Energy, Inc.



Schedule at a Glance

Sunday, September 19, 2010

12:00 pm – 5:00 pm	Registration / Badge Pick-up
1:00 pm – 5:00 pm	NPRA Workshop: Clean Fuels <i>A separate registration fee will apply to the workshop.</i> <i>You must be signed up for the conference to attend workshop.</i>

Monday, September 20, 2010

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	Suits / Legal Session
10:00 am – 10:30 am	Coffee Break
10:30 am – 12:00 pm	NAAQS Session
12:00 pm – 1:00 pm	Luncheon
1:00 pm – 2:45 pm	Emissions Session
2:45 pm – 4:45 pm	GHG Session
4:45 pm – 6:00 pm	Technical Poster Session & Reception

Tuesday, September 21, 2010

7:00 am – 3:00 pm	Registration/Badge Pick-up
7:00 am – 8:00 am	Early Bird Coffee & Rolls
8:00 am – 9:45 am	Regulatory Session
9:45 am – 10:00 am	Coffee Break
10:00 am – 12:00 pm	Flares Session
12:00 pm – 1:00 pm	Luncheon
1:00 pm – 1:45 pm	EPA Speaker (invited)
1:45 pm – 3:00 pm	Panel Discussion: Newsreel: Regulatory & Legislative Update

Cover photograph courtesy Tesoro Corporation.

**Monday
September 20, 2010**

7:00 am – 8:00 am

Early Bird Coffee & Rolls

8:00 am – 8:45 am

Keynote Address

Bryan Shaw, Chair of the Texas
Commission on Environmental Quality

8:45 am – 10:00 am

Suits/Legal Session

**Title V Objections and Part 71:
New Enforcement Tools for
Agencies and Plaintiffs**

Matthew Kuryla, Baker Botts LLP

**Flare Management and Other
Petroleum Refining Enforcement
Priorities: Is EPA Identifying New
Marquee Issues?**

LeAnn Johnson-Koch and *Alexandra
Magill*, DLA Piper US LLP

10:00 am – 10:30 am

Coffee Break

10:30 am – 12:00 pm

NAAQS Session

Life After the PM10 Surrogate Policy

Brian Robson and *Yousheng Zeng*,
Providence Engineering

**Challenges with 1-Hour NO₂ and
SO₂ NAAQS Compliance**

Mark Garrison, *Andrew Woerner* and
Anand Yegnan, Environmental
Resources Management (ERM)

**Emerging Dispersion
Modeling Issues for New NAAQS
Compliance Demonstration**

Hung-ming (Sue) Sung, *Eddie Al-Rayes*
and *George Schewe*, Trinity
Consultants, Inc.
Bob Morris, Western Refining Company

12:00 pm – 1:00 pm

Luncheon

1:00 pm – 2:45 pm

Emissions Session

**Results from Emissions Measurement
Projects Conducted on Delayed
Coking Unit Atmospheric
Depressurization Vents**

Chris Weber, URS Corporation

**A Unified Approach for Calculating
and Reporting Conventional and
Greenhouse Gas Emissions**

Dan Wang, *Danny Pinkley* and
Mark Pratorius, Valero Energy
Corporation

**Improved Emissions Estimates: How
Do I Get There and What Will It Mean?**

Andrew Woerner and *Jeff Siegell*,
Environmental Resources
Management (ERM)

**Defensible Emission Calculations for
Refinery Wastewater Systems**

Blake Soyars, Sage Environmental
Consulting
Michael Hopperton, BP Chemicals

2:45 pm – 4:45 pm

GHG Session

**A Survey of Refinery MRR GHG
Emission Inventory Efforts**
Matthew Harrison, URS Corporation

**Managing GHGs in a Carbon
Constrained World: Greenhouse
Gas Reporting Program and
Environmental Management System
Integration, A Case Study**
Meredith Knauf, Trihydro Corporation
*Rhett Heflin, National Cooperative
Refinery Association*

**SEC Climate Change Disclosure
Guidance: Impacts on the Petrochemical
and Refining Industries**
*Kenneth Weiss, Environmental Resources
Management (ERM)*
William Wehrum, Hunton and Williams LLP

**BACT to the Future & BACT for GHGs:
Coming to a Refinery Near You
Next January**
*Ron Crum and Mark Lockhart,
URS Corporation*

4:45 pm – 6:00 pm

Technical Poster Session & Reception

**Next Generation Wet
Electrostatic Precipitators**
Hardik Shah, Southern Environmental, Inc.

**Innovative Cost Effective Control
Device for Wastewater Benzene
Emissions BWON (Benzene Waste
Operations NESHAP)**
*Carl Adams, Jr. and Andrew Edwards,
Environ International Corporation*
Lial Tischler, Tischler-Kocurek

**Nitrogen Subtraction on Reported CO₂
Emission Using Ultrasonic Flare**
*Kjell-Eivind Frøysa, Christian Michelsen
Research AS*
Henning Ekerhovd, Statoilhydro ASA
Atle A. Johannessen, Fluenta AS

**Understanding NAAQS
Secondary Standards for Ozone,
PM, NO_x and SO_x**
Yousheng Zeng, Providence Engineering

**Lessons Learned on Long-Term
Operation of MBBR for Refinery
Wastewater Treatment**
*Christian Cabral, Veolia Water Solutions
and Technologies Canada*

**Eliminate Flare Events Through
Pretreatment**
*Steven Meyer and Andrea Trapet,
MECS, Inc.*

**Development of a Novel Optical
Remote Sensing Monitor for
Fenceline Monitoring and
Enhancement of Existing Leak
Detection and Repair Programs**
Mark Modrak, ARCADIS U.S., Inc.

**Examination of New Measurement
Methods for Fine Particulate:
OTM 27 and OTM 28**
Stephen Brady, Weston Solutions, Inc.

**FCCU Flue Gas Scrubbing for
Particulate and Sulfur Dioxide
Removal – A Tutorial**
Robert Kunz, RGK Consulting, LLC

**Using a Marginal Abatement Cost
Curve for Managing Greenhouse
Gases at Your Facility**
Mark Lockhart, URS Corporation

**Review of New Test Methods PM_{2.5} and
Condensable Particulate Matter**
*Jeffrey Twaddle and Larry Hottenstein,
Environmental Resources Management
(ERM)*

**Toxic Substance Control Act: Preparing
for the Inventory Update Rule and Future**
Frankie Wood-Black, Trihydro Corporation

**Carbon Accounting in an
Uncertain World**
Fay Shong and David Abood, Accenture

7:00 am – 8:00 am

Early Bird Coffee & Rolls

8:00 am – 9:45 am

Regulatory Session

**Heat Exchanger Leak Identification:
Tools of the Trade**

Sean Ukele, Trihydro Corporation
Ed Riege, Western Refining Company

**Conquering the Challenges Posed by
the RICE Rules**

Katie Hiatt, Sage Environmental Consulting
Steven Johnson, ConocoPhillips Company

**Evaluating Fugitive Emissions
Compliance Database Systems to
Demonstrate Substantial and Material
Compliance as a Means of Terminating
USEPA LDAR Consent Decrees**

Joseph Wilwerding and *Shane Kling*,
Sage Environmental Consulting
Charlie Bennett and *John Gray*,
Marathon Petroleum Company LLC

**Implementing the New Source Review
Reasonable Possibility Requirements at
Petroleum Refinery Projects**

Christopher Drechsel, Tesoro Corporation
Joel Trinkle and *Tony Widboom*,
Barr Engineering Company

9:45 am – 10:00 am

Coffee Break

10:00 am – 12:00 pm

Flares Session

**Environmentally and Economically
Beneficial Flare Gas Recovery
Projects in Petrochemical Facilities**

Roger Blanton, John Zink Company LLC

**Determination of Elevated
Flare Combustion Efficiencies
by Passive FTIR**

Curtis Laush and *Robert Spellicy*, IMACC

**Performance Evaluation of a
Steam-Assisted Flare at High
Turndown Using Passive Fourier
Transform Infrared Spectroscopy**

Scott Evans, Clean Air Engineering
Ruth Cade, Marathon Petroleum
Company LLC

**CEMS and Flow Measurement on
Refinery Flare Headers**

Don Whaley, Delek Refining Ltd.

12:00 pm – 1:00 pm

Luncheon

1:00 pm – 1:45 pm

EPA Region VI Administrator (*invited*)

1:45 pm – 3:00 pm

Panel Discussion:

Newsreel: Regulatory &
Legislative Update
Rob Gronewold, Tesoro Corporation
Michael Norman, Delek Refining Ltd.

1. Conference Registration

Click here to register 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 August 16.

2. Hotel Reservations

Reserve your hotel on-line when you register at www.npra.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 NPRA. Get immediate acknowledgement on-line but allow 2 weeks if submitted to NPRA.

August 16, 2010, is the cut-off date for making hotel reservations, cancellations or substitutions through NPRA or on-line. Beginning August 23 reservations, substitutions, or cancellations must be made through the hotel directly.

Hotel Cancellation Policy:

A deposit equal to one night's stay will be charged to your credit card when NPRA submits the reservations to the Westin in August. This deposit is refundable if notice of cancellation is received by the hotel at least 72 hours prior to arrival and a cancellation number is obtained.

Early Departure Fee:

In the event that a guest checks out prior to the guest's reserved checkout date, an early departure fee of 50% of the room rate will be charged to that guest's individual account. Guests wishing to avoid this fee must advise the hotel at or before check-in of any change to the scheduled length of stay.

3. Spouse Registration

For just \$100, your spouse can join you at the Poster Session Reception as well as the included business sessions.

4. Payment

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

5. Travel

AVIS is the official rental car agency for the ENV. Call 800.331.1600 and refer to AWD#:B761399 to receive discounted rates.

6. Confirmation

Your registration will be confirmed via e-mail if you provided us your email address. Otherwise, your confirmation will be sent via U.S. mail.

7. Sponsorship

Sponsorship opportunities available. Contact Merla Zollinger at 202.457.0480 or email at merlaz@npra.org.

8. Attire

Business Casual (No tie; jacket optional)

Cancellation Policy:

Registration cancellations may be made on-line or submitted in writing, faxed to 202.835.0467 or e-mailed to ENV@npra.org. Substitute conference registrations may be made in advance or on arrival with no penalty. Substitutions must be submitted in writing to ENV@npra.org.

Cancellations may be made by August 16, 2010 with no penalty. Written cancellations postmarked, faxed, or emailed between August 17 and September 3, 2010 will receive a refund of fees, less a \$50 processing fee. No refunds after September 3, 2010. No telephone cancellations.

Fee Policy:

Eligibility for member rates is based on membership information currently on file with NPRA. If your company is not currently a member, the non-member fees will be charged to your credit card.

Registration Policy:

Those who are present at the site of an NPRA meeting and/or occupy a hotel room in the NPRA 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 co-worker, an associate or spouse who works within the industry may not use the Spouse/Guest Registration category.

Ethical Responsibility and Professional and Personal Conduct Code:

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

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

- Adherence to the NPRA bylaws and the NPRA policies and procedures, as adopted by NPRA'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 NPRA 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 with the highest level of integrity and courtesy.
- Sharing of knowledge and expertise as speakers at NPRA 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 NPRA.
- Refraining from scheduling general attendance meetings, receptions or other events at times that conflict with substantive programming or social events at NPRA meetings without express written permission of NPRA.

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

Registration Form: ENV10

Register on-line.

Register by August 16th - Save \$100

Step 1: Attendee Profile

Please fill out completely. Badges will be printed from this information.

Name

Title

Company

Address

Address

City

State

Zip

Country

Phone (Area/Country/City Code)

Fax (Area/Country/City Code)

E-mail

☐ This is not a permanent address change.

Spouse/Guest Name (if attending)

☐ Check here if you require special needs.
Please attach a description of your needs.

Step 2: Meeting Registration

Conference	By August 16	After August 16
<input type="checkbox"/> Member	\$ 450 _____	\$ 550 _____
<input type="checkbox"/> Non-Member	\$ 895 _____	\$ 995 _____
<input type="checkbox"/> Spouse / Guest	\$ 100 _____	\$ 100 _____

Clean Fuels Wkshp	By August 16	After August 16
<input type="checkbox"/> Member	\$ 150 _____	\$ 200 _____
<input type="checkbox"/> Non-Member	\$ 295 _____	\$ 345 _____

Total Amount Due _____

Name of Member Company

Not sure if your company is a member? [Click here.](#)

Register by Fax:

Return your form by fax with credit card information to 202.835.0467

Register by Mail:

Return your form with credit card information to:
NPRA
1667 K Street, NW
Suite 700
Washington, DC
20006

Step 3: Payment Information

Payments to NPRA are not deductible as charitable contributions for federal income tax purposes. However, they may be deductible under other provisions of the Internal Revenue Code.

☐ VISA ☐ MasterCard ☐ American Express

Credit Card Number

Exp. Date

Name on card (Please print)

Billing Address

City, State, Zip, Country

Signature (Required, authorizing charge & acknowledging cancellation/refund, fee, registration & spouse policies.) [Click here to review NPRA policies.](#)

Step 4: Hotel Reservations

Hotel Reservation requests must be accompanied by paid conference registration to be processed. Room Rates as follows at the Westin Riverwalk Hotel, 420 W. Market Street, San Antonio, TX: \$229 City View / \$239 River View

Arrival Date

Departure Date

If no dates are indicated, we will assign arrival Sunday, September 19 and departure Tuesday, September 21.

Room View: ☐ City View ☐ River View
Room Type: ☐ One Bed ☐ Two Beds

Number of People in Room: _____

Special Requests: ☐ Disability ☐ Other
Room Guarantee: ☐ AMEX ☐ VISA
☐ MasterCard ☐ Discover ☐ Diners

Credit Card Number

Exp. Date

Signature

Frequent Guest Number

Register on-line to receive immediate acknowledgement of hotel. August 16th is the final cut-off date to reserve a room. Contact the hotel directly with changes or cancellations beginning August 23, 2010.