2013 Environmental Conference - Technical Poster Session
October 21, 2013 4:30 pm – 6:00 pm
Technical Posters & Reception

Lifting the Adminstrative Stay on H2S TRI Reporting: Lessons Learned from the 2012 TRI Reporting
Coleman Henry and Stephen Walls, *Trihydro*

Hydrogen Sulfide (H2S) and Reportable Quantity (RQ) Reporting
Robert Costa, *SAIC*

IR Technology for Automatic Flare Steam Control
Troy Boley, Herman Holm and Derick Kopp, *Sage Environmental*
John Ditmore, *CVR Energy, Inc.*

Method of Early Detection of H2S Releases to Refinery Flares
Troy Boley and Herman Holm, *Sage Environmental*
Jon Hickman, *Marathon Petroleum Company*

Proof of Concept Test for a Real-Time Flare Combustion Efficiency Monitor
Jon Morris and Yousheng Zeng, *Providence Photonics, LLC*
Mark Dombrowski, *Surface Optics Corporation*

The Greenhouse Gas Mandatory Reporting Rule (GHG MRR) - Lessons Learned, Data Trends and Continued Compliance Challenges
Brandon Bass and Ramesh Narasimhan, *ERM*
John Lowe, *Chevron Products Company*

Finding and Fixing Heat Exchanger Leaks
Taras Lewus, *Sage Environmental*
Eric Marler, *Suncor (might be removed, waiting on changes)*

Use of the Emission Isolation Flux Chamber to Determine Area Source Emissions
David Ranum, *Sage Enviornmental*
Chuck Schmidt, *CE Schmidt Environmental Consultant*

Examining the Risks of the PSM 'replacement in kind'
Karl Duckworth, *Sage Environmental*

A Technical Review of the NSPS Subpart Ja Monitoring and Instrumentation Requirements with Respect to Other Refinery Regulatory Programs for Streamlining Compliance Demonstration at non-Flare Affected Facilities
Evan Hunter and Nate Kowalsky, *Barr Engineering Company*

Assessment of What the New 316b Rule will Require AFPM Members to do
Greg Seegert, *EA Engineering*

Impact of Elevated Refinery Wastewater Temperature on Nitrification Rates in the Activated Sludge
William Cunningham, *Siemens Energy*

Method and Sampling Limitations and Challenges Related to Refinery ICR Testing on Delayed Coking Unit Vents
Michael Krall, *TRC Environmental Corporation*

Tier 3 Low Sulfur Gasoline: How Low Can We Go?
Sue Sung and David Wall, *Trinity Consultants*