



Fairmont Chateau Lake Louise
Lake Louise, Alberta, Canada

Draft Agenda

14 September 2009

Site Tour – TAQA NORTH – Crossfield Gas Plant

15 September 2009 – Technology Transfer Workshop

- 0800 **Oil & Gas Technology Transfer Workshop Welcome and Opening**
- 0815 **Methane to Markets Partnership**
Roger Fernandez, US EPA
- 0830 **Methane Emissions Inventory Development in Oil and Gas Production, Gas Processing, Transmission and Distribution: Discussion of Opportunities for Oil and Gas Companies and Governments**
Don Robinson, ICF International
- 0850 **Directed Inspection and Maintenance: Science Based Development of a DI&M Program for the Oil and Gas Production, Processing and Transmission Sectors**
Dave Picard, Clearstone Engineering
- 0915 **Ongoing Research to Develop Continuous Methane Monitoring and Source Location**
Mathew Johnson, Carleton University
- 0945 BREAK
- 1015 **Directed Inspection and Maintenance (DI&M): Techniques & Technologies for Identifying, Quantifying and Repairing Fugitive Emissions**
Terence Trefiak, Envirotech Engineering
- 1045 **Case Study: Implementation of DI&M under Alberta Regulation Directive 60 (Including a Brief Overview of Directive 60)**
James Vaughan and Al Duben, Energy Resources Conservation Board
- 1115 **Canadian Association of Petroleum Producers and Methane to Markets —Tanks BMP Development: Prediction of Evaporation Losses and Rationale for Improvements to Existing Tools (API E&P Tanks, TANKS)**
Dave Picard, Clearstone Engineering

- 1145 **Methane Emissions Reductions through Vapor Recovery from Oil and Condensate Storage and Holding Tanks including Texas Air Quality Study Results**
Larry Richards, Hy-Bon Engineering
- 1215 LUNCH
- 1330 **Reducing Methane Emissions from Production Wells: Reduced Emission Completions in Gas Wells; Smart Automation of Gas Well Plunger Lifts – Including BP Well Venting Case Study**
Don Robinson, ICF International
- 1400 **Canadian Gas Association – Gas Transportation, Storage and Distribution Fugitive Emissions Best Monitoring Practice Guidelines**
Jim Cormack, TransCanada
- 1430 **Reducing Emissions from Reciprocating and Centrifugal Compressors – Including TransCanada Compressor Case Study**
Don Robinson, ICF International
- 1500 BREAK
- 1530 **Implementation of Dry Gas Seals in Gazprom's System**
Gretta Akopova, Gazprom VNIIGAZ LLC
- 1600 **REMVue/Slipstream Case Study**
Paul Slobodnik, ConocoPhillips Canada
- 1630 **Reducing Emissions from Natural Gas Transmission Pipelines: Using Hot Taps and Pipeline Pumpdown Techniques Including Case Studies from TransCanada**
Jim Cormack, TransCanada
- 1700 CLOSING REMARKS

16 September 2009

Methane to Markets Subcommittee Meeting – Please refer to separate agenda for details.