

## **FINAL Minutes of December 6, 2018 Ethylene Producers' Environmental Sub-Committee Meeting**

(December 6, 2018, Rev. 1)

Following are the minutes of the December 6, 2018 Ethylene Producers' Environmental Sub-Committee Meeting, held via teleconference with Walter Postula, Shell Global Solutions (US) Inc., as host.

**Present:** Rick Beleutz, LyondellBasell  
David Elam, TRC Solutions  
Jennifer Port, ExxonMobil Chemicals  
Walter Postula, Shell Global Solutions (US) Inc.  
Gerardo Ruiz-Mercado, US EPA (AIChE Environmental Division Chair)

**Absent:** Benjamin Burns, SASOL North America  
Ted Heron, The Catalyst Group  
Jacob Hilbrich, ChevronPhillips  
Brad Hopper, BASF  
Brandon Lithgoe, NOVA Chemicals  
Patti Long, Eastman  
Dan Lutz, Ineos  
Arijit Pakrasi  
Mark Schmidt, DuPont  
Edward Soliz Jr., SASOL North America  
Jeffrey Seay, University of Kentucky (AIChE Environmental Division)  
Debalina Sengupta, Texas A&M (AIChE Environmental Division)  
Dick Siegel, R&B Consulting Services (AIChE Environmental Division)  
Mark Ulrich, Linde Engineering North America  
Gary Wojnowski, BASF  
Russell Wozniak, Dow

The meeting began at 9:05am with Walter Postula reading the Ethylene Producers' Committee (EPC) anti-trust statement:

No activity of the committee shall involve the exchange, collection, or dissemination of information among competitors for the purpose of bringing about or attempting to bring about an understanding or agreement, written or oral, formal or informal, express or implied, among competitors, with regard to costs, prices, pricing methods, terms or conditions of sale, distribution, production quotas or other limitations on either the timing or volume of production or sales, or allocation of territories or customers.

The meeting agenda was published in advance and is included below:

### **AGENDA**

- 1) Reading of Anti-Trust Statement [9:02 AM]
- 2) Update/Ordering of Presentations for Environmental Session [9:04 AM]
  - a. Brian Duck – Zeeco – “New Direct Flame Monitoring Technology to Help Operators Comply with Increasingly Stringent Flaring Regulations”
  - b. Steve Smith – LyondellBasell – “Ethylene Risk and Technology Review – What’s the Outlook?”

- c. David Elam – TRC – “Proposed Stationary Source Testing and Ambient Monitoring Requirements for Ethylene Production Facilities”
  - d. Bill Celenza – KBR and Sarah Shank – SES Inc. – “Building Water Resiliency by Balancing Salt Levels at Petrochemical Facilities”
  - e. Mark Clark – Siemens Energy – “The Cleanest Way to Treat Spent Caustic”
- 3) Disposition of Other Abstracts [9:25 AM]
    - a. Matthew Martin – Honeywell UOP – “Smokeless Operation of Flares”
    - b. Colin Deller – Honeywell UOP – “Practical Low NOx Burner Retrofit”
  - 4) Review of Action Items [9:35 AM]
  - 5) Important Date Reminders
    - June 29, 2018 – Call for abstracts opens
    - November 12, 2018 – Call for abstracts closes
    - December 14, 2018 – Papers accepted or rejected
    - January 18, 2019 – Program goes live
    - March 8, 2019 – Paper submission closes
    - April 1–4, 2019 – Spring Meeting – New Orleans, LA
  - 6) Adjourn [9:40 AM]

**Update/Ordering of Presentations for Environmental Session:** Suggestion made to have Steve Smith’s presentation first, followed by David Elam’s. This is similar to the 2018 conference where Steve’s presentation laid the foundation for the rest of the session. No specific order of the presentations after the break is preferred. Those on call suggested to leave to Mark U.’s and Brandon’s discretion. David Elam made point that content of Steve’s and his presentation will be affected by timing of the issuance of rule.

**Disposition of Other Abstracts:** Opportunities communicated to authors whose abstracts were not selected, but no further responses were received from them.

**Review of Action Items:** The action items from the previous meeting were reviewed and determined to be closed. The action for **Mark U. and Brandon** before, Monday, December 17<sup>th</sup>, is to order accept and order the abstracts in Confex, as well as insert “non-paper events” for opening remarks (5 min), break (20 min), and closing remarks (5 min). There will be 25 minutes for each presentation (including Q&A), except for Steve Smith’s (will be 50 minutes). **Rick** will be sending a note to all session chairs/co-chairs regarding these actions. **Rick** will also plan the “dry run” of the session for early March 2019.

**Important Date Reminders:** The dates provided in the agenda were reviewed. There are some changes, based on the call for abstracts closing a week later than originally planned.

- December 17, 2018 – Papers accepted or rejected (and order session)
- January 11, 2019 – Draft program available for review
- January 18, 2019 – Comments from chairs due
- January 25, 2019 – Final program goes live

**Adjourn:** The teleconference was closed at 9:28 am.