

Feedstock Contaminants Subcommittee – October 28th, 2020 Meeting Minutes

Team Members

Art Baumgartner		Dwight Hines		Jennifer Nill	X
Mark Davis	X	Yong Wang	X	Robert Alvers	X
David Smith	X	Joe Lally	X	David Hood	
Sherri Elder	X	Andre Bernard	X		
Mark Whitney	X	Ali Abbaspour	X		

1. Anti-trust statement

“No activity of the Committee shall involve the exchange, collection or dissemination among competitors of information or be used for the purpose of bringing about or attempting to bring about any understanding or agreement written or oral, formal or informal, express or implied, among competitors, with regard to costs, prices, or 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.”

2. Review Key Dates

- 2021 Spring Meeting – April 18 – 22, 2021 Hilton Anatole, Dallas, TX. AIChE expected to provide direction regarding in person vs virtual conference by the end of November.
- Call for Abstracts Close Friday, November 20th, 2020
- Papers expected to be due early February 2021. If in person conference, presentation to be ready 2 to 3 weeks prior to conference for dry run. If conference virtual, presentation will be recorded a few weeks prior to the conference.

3. Update from Main EPC Committee

- Feedback relative to the Feedstock Contaminants 2020 Session (reported by Yong).
 - Richard Beleutz mentioned attendance number and chat text during the presentations. There is an AIChE conference evaluation app. Most people may not know about the tool to provide the feedback

- How to access Confex to view submitted abstracts (reported by Yong).
 - For 2021 EPC conference there is #45970 Ethylene Plant Feedstock Contaminants session.
 - Session chair and cochair names are to be communicated to Jake Berret. Session chair and cochair will have immediate access to confex (Andre to provide the names to Jake).

4. AIChE Updates

No update

5. Paper Ideas

- **CS₂ rise from H₂S scavenger on shale gas** – Dorf Ketal is withdrawing the paper. We will keep the paper idea on standby for future conference.
- **NO_x Elimination from Pygas recycle stream through alternative inhibitor (Dorf Ketal)** - Based on the response from Dorf Ketal on the CS₂ paper, we do not expect this paper to move forward in 2020. We will move the paper idea to the standby list for future considerations.
- **NOVA paper on sulfur removal.** The abstract has been uploaded in the AIChE web site.
- **Pipeline Contaminants (glycol, drag reducer).** This paper was put on standby last year due to constraint in meeting deadlines. Joe has not heard from Enterprise and Energy Transfer.
- **Chemical Recycling of Waste Plastic**

Chemical Recycling of waste plastic follow up paper to Dave Smith 2020 paper.

- Professor Kevin Van Geem agreed to submit an abstract regarding a follow up paper to the one presented in 2020 with focus on contaminants. Yong to follow up on progress.
- Joe reached out to the program chair of the AIChE Symposium on plastic waste relative to abstracts that have been submitted but not used as they could be potential papers to our session.

- CP Chem is not ready to present on that topic. Jennifer indicated potential interest by Neste in presenting on that topic. She was provided with a contact and will follow up.

- **C3/C4's Recycle to Furnace**

Due to low demand of C3/C4's cause by the pandemic. Some producers are considering cracking the stream to the furnace (recycle). Paper could focus on things to consider when recycling C3/C4's to the furnace. Yong will try to get a yes or no answer.

- **Popcorn Polymer**

Debby Rossana (NALCO) currently working on a joint paper with a producer on "Butadiene Vapor Space Fouling Identification & Mitigation". Debby is still working with the producer to get approval for the abstract. Dave Smith to follow progress

Potential for a NALCO paper based on literature review and best practices if the joint paper idea does not work. Dave Smith to keep track.

- **Fluoride Contamination in Liquid Feedstocks**

Art indicated interest by one of his colleagues in presenting a paper on fluoride contamination in liquid feedstocks. Art indicated that the author is currently working on the paper. A group from Amsterdam could back it up if the main author pulls out. However, People from Amsterdam would not travel. Andre to follow up with Art on progress.

- **Unit Turndown – Pitfalls Relative to Fouling & Corrosion**

Dave Smith indicated that an abstract has been written on this topic and will be uploaded shortly.

6. Schedule Next Meeting

Next meeting on Nov 11th.