

## **DRAFT MEETING NOTES**

**Community Advisory Council Meeting**  
**Date & Location:** Monday, January 13, 2020  
**Flint Hills Pine Bend Refinery**  
**6:00 PM – 8:30 PM**

**CAC Members Present:** Gary Bombanek, Mike Deeny, John Scott, William Nelson, Bonnie Anderson Rons, Michael Cahn, Heather Rein (FHR), Geoff Glasrud (FHR)

**CAC Members Absent:** Randy Rowan, Ron Elmquist, Lyndon Nelson, Gary Lothenbach, Richard Thill, Tom Bullington, Amy Lemieux, Donna Willis, Jim Hagerty, William Klein, Anna Brenna, Troy Stephens, Kevin Green, Bryan Kotaska (FHR),

**Guest Presenters:** **Sandra Johnson-MPCA Engineer**-Above Ground Storage Tank Oversight and Inspections, **Dan Klocke (FHR)**-FHR Environmental and Energy Performance and Priorities.

**Meeting Facilitated by:** Aimee Gourlay, Mediation Center  
**Documentation by:** Judi Miller, Mediation Center

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### **1. OPENING CAC COMMENTS/Public Comment**

- No public comments

#### **CAC Business**

- No Member Updates
- Try for another location if possible for the March meeting (If at the Rosemount Library, we would need to be out by 8:00 PM).
- The interviews for the new members will be held in April.
- Volunteers are needed for the Membership Selection Committee
- Member photos are on the website now.

### **2. Flint Hills Resources Update**

Geoff Glasrud (FHR)

#### **FHR Process Safety and Environmental Update: Geoff Glasrud**

--Process Safety—Nothing to report.

--Environmental—3 Flaring Events, two of which were for short durations. The third flaring was for about 4 hours due to high winds.

--CHP—running well, continuing to monitor.

### **FHR Personal Safety Update: Geoff Glasrud (FHR)**

2 recordable injuries:

1. A contractor slipped on ice and fractured their ankle. Since this incident, FHR has purchased a Slip Simulator to help train/prevent falls on the ice.
2. An Operator was walking down the aisle and ducking under pipes, a valve was sticking out and they chipped a tooth.

### **3. FHR Community Programming Update, Heather Rein, Koch/FHR**

- MN Zoo—Safari program is running at the Zoo (First half of the program is geared towards STEM and the second half is geared toward the Zoo).
- Science Museum relationship is ongoing
- FHR has been giving site tours to: Legislators, PCA Commissioners and AG Commissioner.

### **4. Above Ground Storage Tank Oversight and Inspections Presentation-Sandra Johnson-MPCA**

AST (Above Ground Storage Tank) Permits

- Help to prevent pollution to the state/surface and ground water.
- State run program-we (MN) only issue permits.
- Very few other states have AST rules.

Other regulations for AST's

- Wastewater: Water program
- Pipelines: Office of Pipeline Safety
- Hazardous Waste: RCRA Program

--All stored liquids are regulated in this AST Permit unless excluded in rule. They must be liquids at ambient temperature and pressure.

--If a facility has more than 1 million gallons of cumulative capacity of regulated tanks, they will need a permit.

--The MPCA currently has 75 permitted AST facilities

--Whenever the MPCA does a permit reissuance-they will come out and do a site inspection.

--FHR has been operating under their 2<sup>nd</sup> generation permit and it is still being worked on for renewal by the MPCA. Compliance wise, FHR is compliant and the new permit will be effective from when it is issued and valid for 10 years.

What makes FHR AST Permit Unique?

- Number and volume of tanks
- Radar gauging
- Pre-approval of tank floor design

**5. FHR Environmental and Energy Performance and Priorities**-Dan Klocke (FHR)—Tom Lawrence (Outgoing), Robert Covey (Incoming) What FHR is/has been doing to improve their performance Environmentally and Energy wise.

- Inspection of over 80 tanks spanning over 400 acres looking for leaks, prevention of leaks, etc.
- FHR is working with a vendor on a new technology, drone with sensors and camera:
  - OGI Imaging
  - Topography
  - HD Camera
  - Existing Overfill Alarms
- Ambient Air Monitoring
  - 3 units placed around the Refinery that are checking air quality around the facility
  - The MPCA gets the data from these units.
- Fence Line Monitoring for Benzene
  - There are 17 locations set up with fence line monitors around the Refinery.
  - The samples are checked over a 2-week period and are sent off site for testing. FHR has had good levels since implementing.
  - FHR is continuously improving their emissions per barrel.
- Flaring
  - New technology helps with detecting possible flaring.
- Greenhouse Gas & Efficiencies
  - Focus on energy efficiencies to ensure the Refinery runs at its best.
  - FHR was just awarded the 2019 Energy Star Certification from the EPA. Only 5 Refineries achieved this status in 2018.
- Water Efficiency
  - Water Reuse
  - Replacing Water Cooling Towers with new technology

- Recent Projects
  - Coker Heater Replacement Project
  - CHP/Combined Heat & Power
  - Hydrogen Structured Catalyst SCR
  - Sulphur Unit Degas Reroute
  - New Burners in Heaters
  - Cooling Tower Replacements
  - Gasoil Fractionator

### **NEXT CAC MEETING**

**Date: February 10, 2020**

**Time: 6:00 PM – 8:30 PM**

**Location: Flint Hills Resources-Fire Station #2, 11950 Clark Road**

**Topic: FHR Safety and Security—Community warning systems, shut down procedures and attack prevention.**