

Deer Park Community Advisory Council

www.deerparkcac.org

Meeting Notes Monday, April 23, 2018

The 266th meeting of the Deer Park Community Advisory Council was held on Monday, April 23rd, 2018 at the Republic Grill. The meeting was called to order at 6:03 p.m. Facilitator Diane Sheridan reviewed the agenda, which was accepted as proposed. The March meeting notes were approved without changes.

ATTENDANCE

DPCAC Community Members		DPCAC Plant Members		Guests/Resources	
	Jule' Adcock	x	Clean Harbors, Bruce Riffel	x	Della Barbato, Native Prairies
x	Ruth Boyd		Delta Companies Group, Frank Ingrassia	x	Corbett Brinly, TCEQ
	Tim Culp	x	Dow Chemical Deer Park, Jeff Garry	x	John Collins
	Ken Donnell	x	Dow Chemical, Jeff Lichon	x	Sean Guillory, Shell (Speaker)
	Chick Flint		Evonik Oil Additives, Jim Bentinck-Smith	x	Tristan Ikpe, DPHS Student
x	Bobby Garcia	x	GEO Specialty Chemicals, Chris Miller	x	Pat Merkord, Native Prairies
x	John Garrett	x	Hexion, Marlene Mercado	x	Brad Milliorn, DPHS Student
	Sherry Garrison		Intercontinental Terminals, Brent Weber	x	Darrell Schwebel, San Jac Battleground
x	Tommy Ginn	x	Lubrizol, Chris Hext, rep by Doug Moore	x	Fred Welch, Economic Alliance
	Stephen Harrell	x	Lubrizol, Tanya Travis	x	Craig Zimmerman, San Jac College
x	Robert Hemminger	x	Oxy Vinyls Houston Ops, Paul Thomas, rep by Megan Hughes		
x	Cara Herbeck	x	Oxy Vinyls VCM, John Abel, rep by Megan Hughes		
x	Steven Horton	x	Oxy Vinyls PVC/KOH, Scott Halbrooks, rep by Megan Hughes		
	Norma Hysler	x	Shell Deer Park, Amanda Accardo		
	Bill Irwin	x	Shell Deer Park Chemical, Michelle Roberson, rep by Amanda Accardo		
	Katherine Mitchum	x	Shell Deer Park Refining, Thor Nygaard		
	Mike Mitchum	x	Texas Molecular, Frank Marine		
	Jeffrey Parks		Valvoline, Jerry Precise		
	Ariel Pena	x	Vopak Terminal Deer Park, David Carter, rep by Clifton Ferrell		
x	Vickey Roberts				
x	Robert Segelquist				
	Andy Smith				Support Staff
	Charles Thomas			x	Diane Sheridan, Facilitator
	David Wade			x	Anja Borski
x	Ernest Weedon				
	Bobby Yates				

Pipelines 101

Robert Hemminger, City of Deer Park Emergency Management Coordinator, provided an overview of the city's role in managing pipelines and pipeline emergencies that could impact Deer Park. Hemminger said there are so many pipelines in the city, that there is not a single area of Deer Park that could not be impacted by a pipeline incident. The city's Dispatch Center is prepared to respond to pipeline emergencies by isolating and securing the area, and identifying and calling in all owners and operators of pipelines in that area to come and determine exactly which pipeline is impacted and what product it is carrying. The city's Code Red system is incorporated in the response plan so that a message can be sent to the public if necessary. Hemminger emphasized the importance of calling 811 before digging in the ground for any kind of residential or commercial project. 811 is a free service, and when you call, techs will come mark all utilities and pipelines in the area to prevent injury and damage to infrastructure.

Sean Guillory, Commercial Business Units Manager of Shell Pipeline and Shell Midstream Partners, spoke about the history of pipelines and Shell's role in national and local pipeline business. Shell Pipeline is almost 100 years old, starting in 1919. They transport more than 1.5 billion barrels of crude oil and refined products annually. Shell operates several pipelines in the Deer Park area, including two olefins lines, three hydrogen lines, two dry gas lines, a SINCO (refined products) line, and both an ethylene and a propylene line.

Before pipelines, crude was moved in barrels by cart and rail. Early pipelines were constructed of many wooden barrels strung together. After World War II, there was a push to move more product via pipelines to supply our military bases. That demand grew in the consumer sector during the prosperity of the 50s. Today, pipeline networks cover all 50 states, transporting crude, refined products, natural gas and chemicals. Pipelines are considered reliable, efficient and safe. Products moved through pipelines do not crowd highways, rivers and railroads, and have lower spill rates and better safety record than tank trucks, rail cars and barges. Common carrier pipelines are regulated by the Interstate Commerce Act. Intrastate pipelines are regulated by state agencies. Pipelines located on the Outer Continental Shelf are regulated by the Outer Continental Shelf Lands Act.

Shell's Pipeline Control Center is a 24/7 operation in the Katy, Texas, that controls system operations and monitors for problems. In order to maintain their excellent safety record, Shell regularly samples pipeline and tank products, monitors bottom, sediment and water content, and ensures regulatory compliance. 'Smart pigs' are in-line integrity devices that inspect pipelines for cracks, cleanliness, and other issues.

Question: How deep are pipelines in the corridors? Large lines are fairly deep, below the water line at about 8-10 feet down.

Question: How are products batched through a single pipeline? Some products can flow right after one another like premium and regular gasoline, and some products will have a transmix between them which must be reprocessed upon receipt.

Updates

Question of the Month: Vopak

What is Process Safety Management (PSM)? See www.deerparkcac.org for the answer to this question and questions from past meetings.

Level 3 (Warning) or Level 2 (Watch) Incidents

No new Level 3 or Level 2 incidents reported.

Written Facility Updates:

- **Hexion** Marlene Mercado reported there were no above reportable quantity spills or releases during the reporting period (October 1, 2017 – March 31, 2018). Hexion had one worker safety event in 2018 YTD, when an employee felt a pop in his knee during railcar loading. OSHA recordability is still under consideration for this event. There were no process safety events during the reporting period. The company and the USW Local 13-1 Union finalized contract negotiations in January.
- **Intercontinental Terminals Company (ITC)** No representative from ITC was in attendance to present the update, so Sheridan covered the update highlights. In February, there was a release of a small amount of diesel fuel from a barge that was conducting transfer activities at one of their docks. ITC reported the sheen, and the barge company was responsible for the release (not ITC). There were no OSHA recordable injuries during the reporting period (October 19, 2017 – April 16, 2018). ITC's Total Recordable Injury Rate (TRIR) for the previous 12 month rolling year is 0.00, and the contractor TRIR is 0.35. ITC is in the OSHA Challenge Program, and has already trained more than fifty associates, bringing them close to Stage 1 completion.
- **The Lubrizol Corporation** Doug Moore reported there were no level two or level three incidents or releases or reportable quantity (RQ) exceedances during the reporting period (November 21, 2017 – April 23, 2018). The plant experienced one recordable injury involving lime exposure. Annual recordable injuries were reduced by 67%. Their OSHA recordable injury rate for 2018 YTD is 0.49. There were two process safety events during the reporting period; one resulted in the lime exposure to the eyes, and the other was an H2S release when a sulfide substance entered the process sewer. There was no threat to the surrounding community with either event.

Other Plant Updates:

Amanda Accardo shared that Shell Deer Park can now be found on Facebook and Twitter.

Ozone Exceedance Days:

Corbett Brinley reported that there had been no ozone exceedance days since the last meeting.

CAER Online:

Sheridan reminded everyone that the new CAER Online app is available. Anyone with feedback is welcome to contact Sheridan, who will relay that information to the committee.

State of Texas Emergency Assistance Registry (STEAR) Program

STEAR is a free registry for emergency assistance during times of emergency or natural disaster. People with disabilities, limited mobility, communication barriers, medical assistance needs, transportation needs, and personal care needs are encouraged to register and provide local emergency planners and responders with additional information on the needs in their community. Registration is voluntary and confidential. You can register online at <https://STEAR.dps.texas.gov> or dial 2-1-1 by phone (or use video telephone relay option of choice to contact 211 at 877-541-7905). Additional information is attached.

Plans for Future Meetings

Unless otherwise indicated, meetings are held at the Republic Grill. Food service begins at 5:45 and business at 6:00. We adjourn no later than 8:30.

Monday, June 4, 2018 – **Updates on SH 225, SH 146, BW8 Bridge Expansion, and Other Transportation Projects**

Meeting hosted by Shell

Written updates to be provided by Vopak, Evonik and Valvoline

Dates for 2018 – all Monday

Jan. 22

Feb. 26

Mar. 26

Apr. 23

June 4 (delayed due to Memorial Day)

No end of June meeting

No July meeting

Aug. 27

Sept. 24

Oct. 22

Nov. 26 (after Thanksgiving)

no December

Deer Park Community Advisory Council

Pipelines 101

April 23, 2018

1. List anything you were reassured to hear
 - Hit on very positive things
 - 99.99% reliability
 - Steward in your backyard
 - Call 811 before dig anywhere in DP (+other utilities)
 - Safe, reliable, good neighborhood
 - Less crowded highways, rivers, rail facilities
 - Katy Area Pipeline Control Center can shut off any pipeline + offshore platforms
 - We know pipelines are everywhere
 - The mapping resource available
 - Updated control center
2. List anything you were surprised to hear
 - Initially made of wood
 - Pipe corridor not just 1 pipe
 - Lot of pipelines offshore
 - Shell Pipeline 99 years old
 - Own & operate terminals – trucks, RR not as reliable
 - Batched pipeline
 - Pipeline pigging – maintenance pig, smart pig, detect cracks, welding
 - Connection between industry and our city
 - Batch streaming
 - Ability to respond quickly
 - 1922 pipeline still intact
3. List anything you were concerned to hear
 - Somebody hadn't heard of 811
 - Get word out about 811
 - 811.com will tell you if any pipelines are there
 - Know before you dig
 - The potential for the public to access pipeline location, size and content
4. Did you learn what you wanted to learn about? If not, what do you still want to learn?
 - Field trip!!
 - How separate batches in the pipeline?
 - Holding tanks
 - More about batch streaming
 - How you unblend the blended products
 - What is the typical or expected lifetime of a pipeline?
5. Any comments on anything else?
 - Liked the tiramisu!
 - Good food
 - What technological advancements are in the process, or safety aspects.