



Deer Park Community Advisory Council

Monday, September 27, 2021

DPCAC Plant Emissions Declined in 2020

In its Annual Report on Emissions from member plants, the Deer Park Community Advisory Council (DPCAC) found that all categories of emissions from inventories plants submit to government agencies declined in 2020, with one exception. In general, changes resulted from reduced equipment run times, lower production and/or business demand, less flaring, or variability in materials handled. An increase in business demand at one terminal resulted in a 2% increase in benzene emissions. The chart below shows the changes over the last 5 years as well as the last year.

Air Emissions Inventory of Criteria Pollutants	Increase or Reduction from 2016-2020	Increase or Reduction from 2019-2020
Total Criteria Pollutant Emissions	-9%	-10%
NOx – nitrogen oxides	-12%	-10%
VOCs – volatile organic compounds	-21%	-21%
SOx – sulfur oxides	-2%	-2%
CO – carbon monoxide	-25%	-5%
TSP – total suspended particulates	-9%	-15%
Toxics Release Inventory (TRI)	-2%	-8%
Benzene	-13%	+2%
1,3-Butadiene	-17%	-34%

DPCAC's Nov. 29 meeting, via Zoom, will include an update from Shell on the sale of the refinery portion of its Deer Park complex as well as a presentation from a toxicologist on the factors researchers consider when seeking possible causes of cancer. Visitors are welcome! For an invitation, contact info@deerparkcac.org.

Read about DPCAC meetings and see summaries of our most recent presentations at www.deerparkcac.org.

OTHER ITEMS OF INTEREST

Each CAC agenda offers time for updates from community and plant members. On a set schedule, at each meeting, two or three DPCAC plants provide written updates on safety and environmental performance and business news. At any meeting, plants with significant news make verbal reports. Members report on community activities or ask questions related to the CAC. The CAC also makes decisions on organizational matters as needed. Highlights from Plant Updates are listed here. They cover February - September 2021.

Evonik Oil Additives – No reportable spills or releases and no permit exceedances since March report. Nearing 7 years without an OSHA recordable injury or illness. COVID-19 preventative measures continue; Evonik is committed to slowing the spread of the virus.

“Evonik Oil Additives manufactures lubricant additives for blenders of Gear Oils, Automatic Transmission fluids, Grease, Hydraulic Fluids and Engine Oils.”

Valvoline -- Achieved “Zero Landfill” status in June 2021. No reportable spills. Practiced several spill and injury drills. No recordable injuries since January 2020. Still working under COVID protocols, with masks on at all times.

“Valvoline Inc. (NYSE: VVV) is a leading worldwide producer and distributor of premium branded automotive, commercial, and industrial lubricants, and automotive chemicals.”

Vopak Terminal Deer Park – Total recordable injury rate of 0.0 for 2021. Have nearly completed three large capital projects and several others without injury. TCEQ conducted Title V Inspection in April and RCRA (hazardous waste) inspection in September 2021.

“Vopak ensures safe, clean and efficient storage and handling of bulk liquid products and gases for our customers. Vopak Terminal Deer Park is a third party storage, import / export, and distribution facility handling the following products: Biofuels, Chemicals, and Petroleum products.”