



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.