



Deer Park Community Advisory Council

DPCAC Receives Annual Report on Emissions from Member Plants

November 30, 2020

Christina Penrose of Lubrizol presented the Air Emissions Inventory and Toxics Release Inventory (TRI) for the Deer Park Community Advisory Council (DPCAC) plants. The Air Emissions Inventory is the collection and evaluation of criteria pollutants, which include total suspended particulates, sulfur oxides, carbon monoxide, and the ozone precursors volatile organic compounds (VOCs) and nitrogen oxides (NOx). The information is submitted yearly to the Texas Commission on Environmental Quality. The Toxics Release Inventory (TRI) is submitted to the US Environmental Protection Agency and tracks the management of certain toxic chemicals that may pose a threat to human health and the environment. Highlights from the Emissions Inventory and TRI are as follows. The report is based on current DPCAC plant participants except for ITC, which was removed from the report until the Deer Park terminal resumes submitting data to DPCAC.

Air Emissions Inventory of Criteria Pollutants	Increase or Reduction from 2015-2019	Increase or Reduction from 2018-2019
Total Criteria Pollutant Emissions	-2%	3%
NOx – nitrogen oxides	0%	3%
VOCs – volatile organic compounds	-13%	5%
SOx – sulfur oxides	-4%	-9%
CO – carbon monoxide	12%	11%
TSP – total suspended particulates	12%	14%
Toxics Release Inventory (TRI)	Increase or Reduction from 2015-2019	Increase or Reduction from 2018-2019
Total TRI releases to the air	-31%	-1%
Benzene	-23%	3%
1,3-Butadiene	-85%	3%
TRI releases to air from 1987 (9 plants) to 2019 (12 plants) are down 87%		

DPCAC's January 25, 2021 meeting, via Zoom, will feature a "State of the Plants" report, in which member facilities will report their 2020 challenges and accomplishments and their 2021 goals and plans. For more information, contact info@deerparkcac.org.

Read about DPCAC meetings and see summaries of our most recent presentations as well as our Questions of the Month at www.deerparkcac.org.