



Deer Park Community Advisory Council

Monday, October 23, 2023

Annual Report on Emissions from DPCAC Plants

Gary Jackson of Vopak 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.

Air Emissions Inventory of Criteria Pollutants	Increase or Reduction from 2018-2022	Increase or Reduction from 2021-2022
Total Criteria Pollutant Emissions	+7%	+37%
NOx – nitrogen oxides	-3%	+3%
VOCs – volatile organic compounds	-5%	+6%
SOx – sulfur oxides	+18%	+30%
CO – carbon monoxide	+15%	+3%
TSP – total suspended particulates	+48%	+39%
Toxics Release Inventory (TRI)	Increase or Reduction from 2018-2022	Increase or Reduction from 2021-2022
Total releases to the air	+3%	+1%
Benzene	-20%	-44%
1,3-Butadiene	+2%	+14%

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

DPCAC’s Nov. 27 meeting will feature the Program Planning “Sticky Dot” exercise. Visitors are welcome! For an invitation, contact info@deerparkcac.org.