

PASADENA CITIZENS' ADVISORY COUNCIL

HIGHLIGHTS OF 2016 DATA ON EMISSIONS

Full Emissions Inventory by Cause	Pounds in 2016	Compared to 2015
Routine Permitted Emissions	15,393,965	-9%
Maintenance Emissions	406,713	-30%
Upset Emissions	1,294,286	441%
Emissions Inventory of Selected Criteria Air Pollutants	Pounds in 2016	Compared to 2015
NOx – nitrogen oxides	2,835,651	3%
All VOCs – volatile organic compounds	5,779,634	-1%
— Pounds that are highly reactive (HRVOCs)	357,025	-3%
SOx – sulfur oxides	4,942,179	15%
CO – carbon monoxide	2,024,983	-19%
TSP – total suspended particulates	969,189	-33%
PM 2.5- TSPs less than 2.5 micrometers in diameter	723,196	8%
Toxics Release Inventory (TRI)		
Total releases to the air	920,481	-13%
Portion from fugitive air sources	417,299	48%
Portion from point air sources	503,182	-35%
TRI total air releases from 1995 – 2016	4,732,013 in 1995	920,481 lbs in 2016 down 81%
	In 2016	The year before...
Number of Pasadena CAC Plants *	15	17
Plants reporting TRI	12	13
Plants reporting air emissions inventory	15	16
Plants reporting Highly Reactive VOCs	8	9
<i>*PCAC has 18 plant members in November 2017. Evonik and Kinder Morgan Export Terminal joined in 2016 but were not operating yet. So they do not have data in this report. Afton and Ethyl report as one.</i>		

Green = decreased from 2015 to 2016 - Red = increased from 2015 to 2016