

PASADENA CITIZENS' ADVISORY COUNCIL
HIGHLIGHTS OF 2017 DATA ON EMISSIONS

Full Emissions Inventory by Cause	Pounds in 2017	Compared to 2016
Routine Permitted Emissions	15,084,884	-2%
Maintenance Emissions	385,250	-5%
Upset Emissions	625,488	-52%
Emissions Inventory of Selected Criteria Air Pollutants	Pounds in 2017	Compared to 2016
NOx – nitrogen oxides	2,956,444	4%
All VOCs – volatile organic compounds	5,713,368	-2%
— Portion of pounds that are highly reactive (HRVOCs)	315,993	-11%
SOx – sulfur oxides	3,985,734	-19%
CO – carbon monoxide	1,807,030	-11%
TSP – total suspended particulates	796,814	-18%
PM 2.5- TSPs less than 2.5 micrometers in diameter	620,835	-14%
Toxics Release Inventory (TRI)		
Total releases to the air	838,216	-9%
Portion from fugitive air sources	298,434	-28%
Portion from point air sources	539,782	7%
TRI total air releases from 1995 – 2017	4,732,013 in 1995	838,216 lbs in 2017 down 82%
	In 2017	The year before...
Number of Pasadena CAC Plants *	18	15
Plants reporting TRI	14	12
Plants reporting air emissions inventory	17	15
Plants reporting Highly Reactive VOCs	8	8
<p><i>*PCAC has 18 plant members in October 2018. Evonik and Kinder Morgan Export Terminal started operating in 2017, so this is their first year to report to PCAC the inventories to which they are subject. Ethyl became Afton and Ethyl in late 2015 but still reported as one site last year. This year, they reported individually and revised last year's numbers to show them individually.</i></p>		

Green = decreased from 2016 to 2017 - Red = increased from 2016 to 2017