

PASADENA CITIZENS' ADVISORY COUNCIL
HIGHLIGHTS OF 2021 DATA IN OCTOBER 2022 EMISSIONS REPORT

Full Emissions Inventory by Cause	Pounds in 2021	Compared to 2020
Routine Permitted Emissions	12,151,481	-6%
Maintenance Emissions	295,470	465%
Upset Emissions	301,722	241%
Emissions Inventory of Selected Criteria Air Pollutants	Pounds in 2021	Compared to 2020
NOx – nitrogen oxides	2,494,458	-5%
All VOCs – volatile organic compounds	5,300,213	8%
— Portion of pounds that are highly reactive (HRVOCs)	256,885	-1%
SOx – sulfur oxides	1,603,779	-32%
CO – carbon monoxide	2,502,127	10%
TSP – total suspended particulates	709,205	-10%
PM 2.5- TSPs less than 2.5 micrometers in diameter	627,502	2%
Toxics Release Inventory (TRI)		
Total releases to the air	731,147	1%
Portion from fugitive air sources	317,599	15%
Portion from point air sources	413,548	-8%
TRI total air releases from 1995 – 2021	4,732,013 in 1995	731,147 lbs. in 2021 down 85%
	In 2021	The year before...
Number of Pasadena CAC Plants *	18	18
Plants reporting TRI	12	14
Plants reporting air emissions inventory	15	17
Plants reporting Highly Reactive VOCs	9	9
<p><i>*PCAC has 18 plant members in October 2022. Next Wave Energy Partners is under construction so has no data to report. Ethyl did not submit data for the 10-22 report. PCI Nitrogen resigned in 2022.</i></p>		

Green = decreased from 2020 to 2021 - Red = increased from 2020 to 2021