

PASADENA CITIZENS' ADVISORY COUNCIL
HIGHLIGHTS OF 2023 DATA in October 2024 EMISSIONS REPORT

Full Emissions Inventory by Cause	Pounds in 2023	Compared to 2022
Routine Permitted Emissions	11,443,598	+3%
Maintenance Emissions	108,615	-23%
Upset Emissions	86,152	-40%
Emissions Inventory of Selected Criteria Air Pollutants	Pounds in 2023	Compared to 2022
NOx – nitrogen oxides	2,546,441	-1%
All VOCs – volatile organic compounds	4,812,565	-0.04%
— Portion of pounds that are highly reactive (HRVOCs)	293,455	+22%
SOx – sulfur oxides	993,188	+8%
CO – carbon monoxide	2,560,148	+7%
TSP – total suspended particulates	648,891	-3%
PM 2.5 - TSPs less than 2.5 micrometers in diameter	590,178	+1%
Toxics Release Inventory (TRI)	Pounds in 2023	Compared to 2022
Total releases to the air	662,115	-3%
Portion from fugitive air sources	235,979	-5%
Portion from point air sources	426,136	-1%
TRI total air releases from 1995 – 2023	4,732,013 in 1995	662,115 lbs. in 2023 -86%
	In 2024	The year before...
Number of Pasadena CAC Plants *	18	18
Plants reporting TRI	13	13
Plants reporting air emissions inventory	15	15
Plants reporting Highly Reactive VOCs	9	9
<i>*PCAC has 18 plant members in October 2024. Based on reports submitted by 17 of the 18 PCAC plants. None due from Next Wave Energy Partners because they were not yet operating in 2023.</i>		

Green = decreased from 2022 to 2023 - Red = increased from 2022 to 2023