

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 33961

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
CAS1	Carbon Adsorption System for Control of Tanks	VOC	0.05	0.02
NOR42	Acid Waste Tank No. 2 (7)	HCl	0.15	0.01
NOR43	Acid Waste Tank No. 1 (7)	HCl	0.15	0.01
NOR45	Caustic Waste Tank No. 2 (7)	NaOH	0.01	0.01
NOR46	Caustic Waste Tank No. 1 (7)	NaOH	0.01	0.01
CONSOL	Stabilization/Consolidation Fugitives	PM <sub>10</sub>	0.01	0.01
LABPAC	Lab Pack Drum Bulking	VOC	0.01	0.01
		IOC-U	0.01	0.02
SAMP	Drums	VOC	0.07	0.01
CRUSH	Drum Crusher	VOC	0.02	0.02
FUGS	Fugitives (6)	VOC	0.05	0.22

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

IOC-U - inorganic compounds (unspeciated)

PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented

HCl - hydrogen chloride

NaOH - sodium hydroxide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

(6) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(7) The acid and caustic waste tanks are not permitted to store fluids containing any organic compounds and so are permitted zero VOC emissions.

Date: July 23, 2019