

EMISSION SOURCES - REPRESENTED EMISSION RATES

Registration Number 95440

This table lists the represented emission rates and all sources of air contaminants on the applicant's property covered by this registration. The emission rates shown are those derived from information submitted as part of the registration for PBR.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1744	400 hp Caterpillar G3408 TA engine	VOC	0.10	0.42
		CH ₂ O (included in VOC)	0.03	0.12
		NO _x	0.84	3.67
		CO	1.09	4.79
		PM ₁₀ /PM _{2.5}	0.06	0.26
		SO ₂	<0.01	0.01
PTWKS	produced water tanks	VOC	1.26	5.50
COND	Three 300 bbl condensate tanks (includes emissions from combustor)	VOC	0.30	1.30
		NO _x	0.02	0.10
		CO	0.09	0.39
		PM ₁₀ /PM _{2.5}	<0.01	<0.01
		SO ₂	<0.01	<0.01
LOAD	Condensate truck loading	VOC	30.87	0.57
LOAD	Produced water truck loading	VOC	0.03	<0.01
FUG	Sitewide fugitives (5)	VOC	1.11	4.87
WVENT	Well venting for liquids unloading	VOC	128.40	0.13
BLDOWN	Blowdowns and startups	VOC	13.98	0.25
RP1744	Compressor rod packing venting	VOC	0.01	0.06

Air Contaminant	Total Emission Rates	
	lbs/hr	tons per year
VOC	176.06	13.10
CH ₂ O (included in VOC)	0.03	0.12
NO _x	0.86	3.77
CO	1.18	5.18
PM ₁₀ /PM _{2.5}	0.06	0.26
SO ₂	<0.01	0.01

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- (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
CH ₂ O	- formaldehyde
NO _x	- total oxides of nitrogen
CO	- carbon monoxide
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
SO ₂	- sulfur dioxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations. Emission values should be used for federal applicability.

Effective
Date:

May 31, 2011
