EMISSION SOURCES - CERTIFIED EMISSION RATES

Registration Number 74861

This table lists the certified 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)
MC1265	1,340 hp Caterpillar G3516 TALE engine with oxidation catalyst	VOC	0.86	3.75
		HAPs (included in VOC)	0.37	1.64
		H_2CO (included in HAPs)	0.18	0.78
		NO_x	5.91	25.88
		CO	1.77	7.76
		$PM_{10}/PM_{2.5}$	0.10	0.44
		SO_2	<0.01	0.03
MC1279	1,340 hp Caterpillar G3516 TALE engine with oxidation catalyst	VOC	0.86	3.75
		HAPs (included in VOC)	0.37	1.64
		H_2CO (included in HAPs)	0.18	0.78
		NO_x	5.91	25.88
		CO	1.77	7.76
		$PM_{10}/PM_{2.5}$	0.10	0.44
		SO_2	<0.01	0.03
MC1584	1,340 hp Caterpillar G3516 TALE engine with oxidation catalyst	VOC	0.86	3.75
		HAPs (included in VOC)	0.37	1.64
		H_2CO (included in HAPs)	0.18	0.78
		NO_x	5.91	25.88
		CO	1.77	7.76
		$PM_{10}/PM_{2.5}$	0.10	0.44
		SO_2	<0.01	0.03

EMISSION SOURCES - CERTIFIED EMISSION RATES

G1	98 hp Isuzu BJ-4JJ1X diesel generator engine	VOC	0.02	0.08
		HAPs (included in VOC)	<0.01	0.01
		H_2CO (included in HAPs)	<0.01	<0.01
		NO_x	0.47	2.04
		CO	0.19	0.84
		$PM_{10}/PM_{2.5}$	0.03	0.12
		SO_2	0.15	0.67
V1/F1	20 MMSCF/day triethylene glycol dehydration unit	VOC	0.41	1.81
		HAPs (included in VOC)	0.03	0.14
H1	0.55 MMBtu/hr reboiler	VOC	<0.01	0.01
		HAPs (included in VOC)	<0.01	<0.01
		NO_x	0.05	0.24
		CO	0.05	0.20
		$PM_{10}/PM_{2.5}$	<0.01	0.02
		SO_2	<0.01	<0.01
LOAD	Condensate loading	VOC	33.13	2.52
		HAPs (included in VOC)	3.76	0.54
FLARE	Flare (controls three 300 bbl condensate tanks TK1, TK2, TK3, and TK4, and one 400 bbl produced water tank TK5)	VOC	0.36	1.57
		HAPs (included in VOC)	<0.01	0.03
		NO_x	0.05	0.23
		CO	0.46	2.01
		$PM_{10}/PM_{2.5}$	<0.01	<0.01
		SO_2	<0.01	<0.01
FUG	Fugitives (5)	VOC	0.46	2.01
		HAPs (included in VOC)	0.01	0.06

EMISSION SOURCES - CERTIFIED EMISSION RATES

BD	Compressor blowdowns	VOC	18.58	1.67
		HAPs (included in VOC)	0.14	0.16

Air Contaminant	Total Emission Rates	
	lbs/hr	tons per year
VOC	55.54	20.94
HAPs (included in VOC)	5.05	5.86
H_2CO (included in HAPs)	0.54	2.34
NO_X	18.30	80.15
CO	6.01	26.34
$PM_{10}/PM_{2.5}$	0.34	1.47
SO_2	0.17	0.76

(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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_2 - sulfur dioxide
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
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
H_2CO - formaldehyde
(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: March 8, 2011