

Emission Sources - Registered Emission Rates  
Registration Number 95859

This table lists the registered 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

CERTIFIED SITEWIDE EMISSIONS															
EPN / Emission Source	Specific VOC or Other Pollutants	VOC		NO <sub>x</sub>		CO		PM <sub>10</sub> /PM <sub>2.5</sub>		SO <sub>2</sub>		HAP		Other	
		lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
ENG-1 / 1,340 hp Caterpillar 3516 TALE compressor engine with oxidation catalyst (Serial Number: WPW02342)	HAP emissions are CH <sub>2</sub> O and are included in the total VOCs	0.89	3.88	4.43	19.41	0.80	3.51	0.10	0.45	0.01	0.03	0.09	0.41		
ENG-2 / 1,340 hp Caterpillar 3516 TALE compressor engine with oxidation catalyst (Serial Number: WPW02263)	HAP emissions are CH <sub>2</sub> O and are included in the total VOCs	0.89	3.88	4.43	19.41	0.80	3.51	0.10	0.45	0.01	0.03	0.09	0.41		
DEHY-1 / 5.00 MMSCF/day glycol dehydrator		0.03	0.15									0.02	0.10		
DEHY-2 / 5.00 MMSCF/day glycol dehydrator		0.03	0.15									0.02	0.10		
HEATER-1 / 0.125 MMBtu/hr glycol reboiler		<0.01	<0.01	0.01	0.04	0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
HEATER-2 / 0.125 MMBtu/hr glycol reboiler		<0.01	<0.01	0.01	0.04	0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
HEATER-3 / 1.50 MMBtu/hr oil stabilizer heater		0.01	0.03	0.12	0.51	0.10	0.43	0.01	0.04	<0.01	<0.01	<0.01	<0.01		
FL-TANK / Tank vent emissions controlled by flare		0.04	0.19									<0.01	0.01		
FL-1 / Tank flare (pilot emissions)		0.17	0.75	0.03	0.15	0.13	0.59	<0.01	<0.01	<0.01	<0.01				
FL-2 / Stabilizer flare		0.13	0.58	0.09	0.39	0.35	1.54	<0.01	<0.01	<0.01	<0.01				
LOAD / Truck loading		1.50	0.04												
FUG / Fugitives		0.83	3.64									0.57	2.52		
TOTAL EMISSIONS (lbs/hr):		4.52		9.12		2.20		0.22		0.02		0.81			
TOTAL EMISSIONS (TPY):			13.29		39.95		9.66		0.95		0.06		3.55		
MAXIMUM OPERATING SCHEDULE:		Hours/Day		24	Days/Week		7	Weeks/Year		52	Hours/Year		8,760		

\* No planned MSS emissions have been represented or reviewed for this registration.

- (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
  - 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
  - CH<sub>2</sub>O - formaldehyde
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - SO<sub>2</sub> - sulfur dioxide
  - H<sub>2</sub>S - hydrogen sulfide

Emission Sources - Certified Emission Rates

- (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: June 29, 2011