

# Emission Sources - Certified Emission Rates

Registration Number 98523

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

CERTIFIED SITEWIDE EMISSIONS															
EPN / Emission Source	Specific VOC or Other Pollutants	VOC		NOx		CO		PM <sub>10</sub> /PM <sub>2.5</sub>		SO <sub>2</sub>		H <sub>2</sub> S		HAPs	
		lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
TK-1 / 1,034 bbl emergency overflow oil tank*		0.54	2.38									<0.01	0.02	0.07	0.31
FLR-1 / Emergency flare		The flare is for emergency use only; emergency emissions are not authorized.													
FUG-1 / Sitewide fugitives		0.87	3.81									<0.01	0.01	0.12	0.53
MSS / Sitewide planned MSS emissions		150.23	0.39									1.54	<0.01	19.01	0.04
<b>TOTAL EMISSIONS (lbs/hr):</b>		<b>151.64</b>										<b>1.54</b>		<b>19.20</b>	
<b>TOTAL EMISSIONS (TPY):</b>			<b>6.58</b>										<b>0.03</b>		<b>0.88</b>
<b>MAXIMUM OPERATING SCHEDULE:</b>		<b>Hours/Day</b>		24	<b>Days/Week</b>		7	<b>Weeks/Year</b>		52	<b>Hours/Year</b>		8,760		

\* The represented emissions are from planned routine maintenance on the pipeline when the liquids are blown down to the tank based on one turnover per year (43,453.02 gallons/year). No emissions from emergency events have been included for EPN TK-1, which shall follow the requirements in 30 TAC Chapter 101.

- (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
- 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
- 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
- (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:

October 14, 2011