

Emission Sources - Maximum Allowable Emission Rates

Permit Number 95307

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 (10)	
			lbs/hour	TPY (4)
Phase I				
U-1, TR-1, TR-2, TR-2a, and TR-2b	Material Receiving - Hopper 1 to SP-2 (5)	PM	0.74	0.46
		PM ₁₀	0.35	0.35
		PM _{2.5}	0.05	0.03
ETR-1, ETR-2, ETR-3, ETR-4, ETR-5, ETR-6, TR-17, ESL-1, and EBC-03	Material Loading - SP-1 or SP-2 to vessel (5, 6)	PM	1.57	1.34
		PM ₁₀	0.74	0.63
		PM _{2.5}	0.11	0.10
Phase II				
U-1, TR-1, and TR-2	Material Receiving - Hopper 1 to STK - 2 (5)	PM	0.37	0.23
		PM ₁₀	0.18	0.11
		PM _{2.5}	0.03	0.02
U-2, TR-3, TR-4, TR-5, TR-6, TR-7 and RC-3.	Material Unloading - Hopper 2 to SP-3 or SP-4 (5)	PM	4.74	7.58
		PM ₁₀	2.24	3.59
		PM _{2.5}	0.34	0.54
See footnote 7	Phase II Loading - STK 1, 2, 3, or 4 to vessel (5, 8)	PM	3.01	6.50
		PM ₁₀	1.42	3.07
		PM _{2.5}	0.22	0.47

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U-2, TR-3, TR-4, TR-5, TR-6, TR-7, TR-8, and RC-03.	Transfer of Material from Rail Directly to vessel (5)	PM	5.67	0.57
		PM ₁₀	2.68	0.27
		PM _{2.5}	0.41	0.04

Material Stockpiles Phase I and II

SP-1	Stockpile 1 - East Waterfront (5, 9)	PM	-.--	4.04
		PM ₁₀	-.--	2.02
		PM _{2.5}	-.--	0.28
SP-2	Stockpile 2 - West Waterfront (5)	PM	-.--	4.04
		PM ₁₀	-.--	2.02
		PM _{2.5}	-.--	0.28

Material Stockpiles Phase II

SP-3	Stockpile 3 - East Inside Loop (5)	PM	-.--	5.19
		PM ₁₀	-.--	2.60
		PM _{2.5}	-.--	0.36
SP-4	Stockpile 4 - West Inside Loop (5)	PM	-.--	5.19
		PM ₁₀	-.--	2.60
		PM _{2.5}	-.--	0.36

Permit By Rule (PBR) sources incorporated by reference. Sources remain authorized by the PBR(s) as listed below:

PBR 106.472	Antifreeze Storage Tank (275 gal)	VOC	< 0.01	< 0.01
PBR 106.472	Waste Oil Storage Tank (290 gal)	VOC	< 0.01	< 0.01
PBR 106.472	Transmission Oil Storage Tank (275 gal)	VOC	< 0.01	< 0.01

PBR 106.472	Motor Oil Storage Tank (275 gal)	VOC	< 0.01	< 0.01
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PBR 106.472	Hydraulic Oil Storage Tank (275 gal)	VOC	< 0.01	< 0.01
PBR 106.472	Diesel Fuel Storage Tank (two 12,000 gal)	VOC	< 0.01	< 0.01
Unregistered PBR				
PBR 106.545	Solvent Degreaser	VOC	0.11	0.33

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - 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
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (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.
- (6) Maximum hourly emission rates are based on the worst case hourly emission scenario.
- (7) The following EPNs associated with Phase II Loading: TR-16, TR-17, TR-13, TR-14, TR-15, SL-1, SC-04, TR-18, TR-19, TR-20, TR-21, TR-22, TR-23, TR-24, TR-25, TR-26, TR-27, TR-10, GC-01, TR-11, TR-12, TR-28, TR-29, TR-30, TR-31, TR-32, TR-33, TR-34, TR-35, TR-36, GC-02, TR-9, and TR-10.
- (8) The dozer trap emissions are based on the worst case operating scenario allowed by the permit special conditions.
- (9) Authorized to handle/store petroleum coke only.
- (10) Planned startup and shutdown emissions are included for emission points authorized by this permit. Maintenance activities are not authorized by this permit. Planned startup and shutdown emissions for referenced PBR sources are not authorized by this permit.

Date: December 20, 2013