

Permit by Rule (PBR) Registration Technical Review

Company: Vulcan Construction Materials, LLC
Nearest City: Rosenberg
County: Fort Bend
Project Reviewer: Trisha Gupta
Unit Name: SETX Portable Screen SN 80063
PBR No(s): 106.261
Physical Location: 939 Hwy 36

Registration No.: 157003L006
Project No.: 390242
Project Type: Initial
Regulated Entity No.: RN110777695
Customer Reference No.: CN600355465
Project Received Date: March 17, 2025

Project Overview / Process Description

Vulcan Construction Materials has submitted this annual notification for the SETX Portable screen SN 80063 originally permitted at the Fort Bend Railyard located at 939 HWY 36 near Rosenberg, Fort Bend County, Texas. PBR 157003L005 will be voided upon issuance of this registration.

Aggregate material is transported and dumped into a hopper (EPN 1) by a front-end loader. From the hopper, material is conveyed (EPN 2) to screen (EPN 3) for sizing. Smaller material passing through screen is conveyed (EPN 4) and stockpiled. Medium material passing through screen is conveyed (EPN 4) and stockpiled. Larger material is conveyed (EPN 4) and stockpiled. The system is powered by a gasoline engine which is rated at less than 240 HP and does not require registration under 106.512. Emissions from stockpiles (EPN STK) are calculated based on one acre.

The power screen was located at ten (10) Vulcan locations during calendar year 2024. The system will be used to screen material on site. The subject facility was located a distance greater than 100 feet from the nearest off property receptor at the various locations it operated during Calendar Year (CY) 2024. Vulcan Construction Materials, LLC will utilize BACT at the subject facility. Fugitive emissions from all in-plant roads, active work areas and stockpiles will be maintained by a water truck as necessary.

During CY 2024, the facility was at the following sites:

Location	Arrival Date	Departure Date	Tons Processed
Montgomery Plant 12930 FM 149 Montgomery, Montgomery County, TX 773060	1/1/2024	1/3/2024	0
Cleveland Plant 1099 5th Street Cleveland, Liberty County, TX 773060	1/3/2024	2/19/2024	4,484
Huntsville Plant 1118 US 190 East Huntsville, Walker County, TX 77340	2/19/2024	3/5/2024	5,000
Conroe Plant 9490 FM 1485 Conroe, Montgomery County, TX 773060	3/5/2024	4/12/2024	7,047
Montgomery Plant 12930 FM 149 Montgomery, Montgomery County, TX 773060	4/12/2024	6/24/2024	2,332
Cleveland Plant 1099 5th Street Cleveland, Liberty County, TX 773060	6/24/2024	7/15/2024	1,673
Huntsville Plant 1118 US 190 East Huntsville, Walker County, TX 77340	7/15/2024	9/20/2024	2,635
Cleveland Plant 1099 5th Street Cleveland, Liberty County, TX 773060	9/20/2024	11/5/2024	541

Permit by Rule (PBR) Registration

Registration No. 157003L006
Page 2

Project No. 390242

Conroe Plant 9490 FM 1485 Conroe, Montgomery County, TX 773060	11/5/2024	12/3/2024	2,545
Hockley Plant 30585 Old Washington Rd Waller, Waller County, TX 77484	12/3/2024	12/31/2024	9,947
Total Tonnage Processed	1/1/2024	12/31/2024	36,204

Permit by Rule Requirements - 30 TAC Chapter 106

General Requirements

Registration Fee Reference No.: **Application fee: 757844 / 582EA000659660**

Is this registration certified? **No**

Is planned MSS included in the registration? **No**

Are there affected NSR or Title V authorizations for the project? **No**

If there are affected Title V authorizations, is monitoring being submitted as part of this registration? **No**

Are there any upstream or downstream affects associated with this registration? **No**

Are associated upstream/downstream emissions either included in the registration OR within current permitted limits with no changes to underlying air authorizations for the applicable units regarding BACT, health and environmental impacts, or other representations. **NA**

Are emissions for each PBR authorized facility less than the § 106.4(a)(1) limits? **Yes**

Are total emissions from all sitewide PBR authorized facilities less than the § 106.4(a)(4) limits, OR has the site been subject to public notice requirements? Total sitewide emissions are less than the 106.4(a)(4) limits. **Yes**

Are there permit limits on using PBRs at the site? **No**

Is the facility subject to the NO_x Mass Cap and Trade Program? **Yes***

Is the facility in compliance with all other applicable rules and regulations? **Yes**

Does the registration include an appropriate PBR workbook, and has the workbook been verified? **Yes**

Notes: *No NO_x emissions associated with this project.

Federal Applicability

Does this project trigger a PSD or Nonattainment review? **No**

Does the Major NSR applicability analysis include all associated upstream and/or downstream emissions? **NA**

Are there any applicable standards under NSPS, NESHAP, or NESHAP for source categories (MACT)? **No**

Permit by Rule Requirements - Compliance Demonstrations

PBR 106.261 Facilities (Emission Limitations)

(a)(1) The facilities or changes will be located > 100 ft from any off-site receptor. **(Actual: 450 ft)**

(a)(2) Total new or increased emissions authorized by this section are below 6.0 pounds per hour (lb/hr) and ten tons per year.

(a)(3) N/A, there are no 106.261(a)(3) chemicals being authorized.

(a)(4) There will not be any changes or additions of any existing abatement equipment.

(a)(5) Visible emissions will not exceed the 5.0 % opacity limit.

(a)(6)-(7) Notification and all required documentation have been submitted.

(b) This registration is not for authorization for construction or to change a facility authorized under another section of this chapter or under standard permit.

Notes:

Permit by Rule (PBR) Registration

Registration No. 157003L006
Page 3

Project No. 390242

Compliance History and Site Review

In accordance with 30 TAC Chapter 60, a compliance history report was reviewed on:

April 21, 2025

Site rating / classification: **Unclassified**

Company rating / classification:

0.03 / High

Has any action occurred on the basis of the compliance history or rating?

No

Did the Regional Office provide site approval and confirm distances?

NA

106.261(a)(2) Emissions

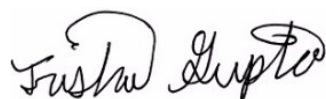
Chemical	Criteria Pollutant Designation	CAS No. (optional input)	Emission Threshold (lb/hr)	Emission Threshold (tpy)	Hourly Emissions (lb/hr)	Annual Emissions (tpy)	Meets Threshold?
Limestone	PM		6	10	1.31E+00	4.09E-01	Yes

Total 106.261 Combined Emissions

	Total Hourly Emissions (lb/hr)	Total Annual Emissions (tpy)
Total Emissions:	1.31	0.41

Emission Summary

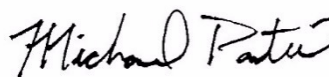
EPN / Emission Source	VOC		NOx		PM		PM ₁₀		PM _{2.5}		SO ₂		Other	
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy
1 / Hopper					0.07	<0.01	0.02	<0.01	0.01	<0.01				
2 / Hopper to Conveyor					0.07	<0.01	0.02	<0.01	0.01	<0.01				
3 / Screen					1.10	0.04	0.37	0.01	0.03	<0.01				
4 / Screen to Conveyors					0.07	<0.01	0.02	<0.01	0.01	<0.01				
STK / Stockpiles					--	0.36	--	0.18	--	0.03				
TOTAL EMISSIONS (TPY):						0.41		0.18		0.03				
MAXIMUM OPERATING SCHEDULE:			Hours/Day			Days/Week			Weeks/Year			Hours/Year		8,760



Ms. Trisha Gupta
Permit Reviewer
Rule Registration Section

4/24/2025

Date



Michael Partee, Manager
Rule Registrations Section
Air Permits Division

4/25/2025

Date