

Permit by Rule (PBR) Registration Technical Review

Company:	Gulf Coast Limestone, Inc.	Registration No.:	176009L002
Nearest City:	Hockley	Project No.:	390870
County:	Harris	Project Type:	Initial
Project Reviewer:	Brittany Williams	Regulated Entity No.:	RN111951067
Unit Name:	Powerscreen Unit A	Customer Reference No.:	CN601033269
PBR No(s).:	106.261	Project Received Date:	March 28, 2025
Physical Location:	33440 Highway 290		

Project Overview / Process Description

Gulf Coast Limestone, Inc. owns and operates the Powerscreen Unit A (Serial No.: SN PID00066VDGIA8335) located in Harris County, Texas.

Gulf Coast Limestone submitted an annual notification registration under 106.261(a)(7)(B) for calendar year 2024. The Powerscreen Unit A was used to screen crushed and broken limestone by size. The subject facility may have moved around on-site but remained at least 100 feet from any recreational area, residence, or other structure not occupied/used solely by the owner/operator of the facility or the owner of the property upon which the facility was located. The following operation at the Harris County site had a total production rate of 300 tons per hour (TPH) and 26,859 tons per year (TPY).

Job	Name	Lat/Long	Tons Processed
1	Hockley	30.02066, -95.81859	26,859

Material is transported and dumped into the hopper (EPN: 1). Larger material drops off the top of the hopper and is stockpiled. Smaller material passes through the hopper and is dropped onto a conveyor (EPN: 2). The conveyor transports material to the screen (EPN: 3). Material off the decks of the screen is conveyed and stockpiled by size. Material passing through the screen is dropped (EPN: 4) and conveyed to a stockpile. Stockpile emissions (EPN: STK) are calculated based on one acre of stockpiles.

Permit No. 176009L001 will be voided upon issuance of this registration.

Permit by Rule Requirements - 30 TAC Chapter 106

General Requirements

Registration Fee Reference No.:	Application fee: 759732 / 582EA000661426
Is this registration certified?	Yes
Is planned MSS included in the registration?	No*
<i>*MSS for this facility will be de minimis or authorized under a separate PBR as necessary.</i>	
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.	N/A
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?	Yes, less than the § 106.4(a)(4) limits.
Are there permit limits on using PBRs at the site?	No
Is the facility subject to the NO _x Mass Cap and Trade Program?	No NO_x emissions with this project.
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:

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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?	N/A
Are there any applicable standards under NSPS, NESHAP, or NESHAP for source categories (MACT)?	No
Notes:	

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.
- (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) **No 106.261(a)(3) chemicals present.**
- (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:

Compliance History and Site Review

In accordance with 30 TAC Chapter 60, a compliance history report was reviewed on:		April 2, 2025
Site rating / classification:	Unclassified	Company rating / classification: 0.00 / High
Has any action occurred on the basis of the compliance history or rating?		No

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	7.90E-01	7.60E-01	Yes

Total 106.261 Emissions

	Total Hourly Emissions (lb/hr)	Total Annual Emissions (tpy)
Total Emissions:	0.79	0.76

Note: Discrepancy between speciation and emission summary totals due to rounding.

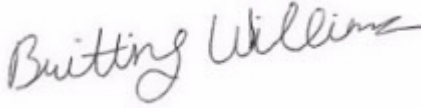
Emission Summary

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 / Conveyor Transfer – Wet	-	-	-	-	0.04	<0.01	0.01	<0.01	<0.01	<0.01	-	-	-	-
2 / Conveyor Transfer – Wet	-	-	-	-	0.04	<0.01	0.01	<0.01	<0.01	<0.01	-	-	-	-
3 / Screening (All) – Wet	-	-	-	-	0.66	0.03	0.22	0.01	<0.01	<0.01	-	-	-	-
4 / Conveyor Transfer – Wet	-	-	-	-	0.04	<0.01	0.01	<0.01	<0.01	<0.01	-	-	-	-
STK / Stockpiles	-	-	-	-	-	0.72	-	0.36	-	0.05	-	-	-	-
TOTAL EMISSIONS (TPY):		-		-		0.75		0.37		0.05		-		-
MAXIMUM OPERATING SCHEDULE:			Hours/Day			Days/Week			Weeks/Year			Hours/Year		8,760

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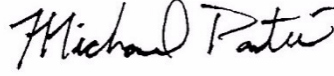
Project No. 390870



04/02/2025

Ms. Brittiny Williams
Permit Reviewer
Rule Registration Section

Date



04/03/2025

Michael Partee, Manager
Rule Registrations Section
Air Permits Division

Date