

## Permit by Rule (PBR) Registration Technical Review

**Company:** Lone Star Constructors  
**Nearest City:** Dallas  
**County:** Dallas  
**Project Reviewer:** Sarah Kyser  
**Unit Name:** Portable RAP Screen MSC702i  
**PBR No(s):** 106.261  
**Physical Location:** 11955 N Stemmons Fwy

**Registration No.:** 179651L001  
**Project No.:** 390924  
**Project Type:** Initial  
**Regulated Entity No.:** RN112184676  
**Customer Reference No.:** CN605970896  
**Project Received Date:** March 28, 2025

### Project Overview / Process Description

Lone Star Constructors is submitting this annual registration for their Portable RAP Screen MSC702i. 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 location it operated during Calendar Year (CY) 2024.

Reclaimed asphalt pavement (RAP) material is transported and dumped into a hopper (EPN 1) by a front-end loader. From the hopper, the material is transferred to Screen #1 (EPN 2). The material is screened and transferred (EPNs 3&4) to a set of conveyors for stockpiling by size. Stockpile emissions (EPN STK) are calculated based on one acre of stockpiles.

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

Location	Arrival Date	Departure Date	Tons Processed
11955 N Stemmons Fwy Dallas, TX 75234	1/1/2024	12/31/2024	14,050

### Permit by Rule Requirements - 30 TAC Chapter 106

#### General Requirements

Registration Fee Reference No.:	Application fee: 759870 / 582EA000661551
Is this registration certified?	Yes
Is planned MSS included in the registration?	No
Are there affected NSR or Title V authorizations for the project?	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?	Yes, less than the limits
Are there permit limits on using PBRs at the site?	No
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

#### 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.
- (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.

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- (a)(3) Total new or increased emissions authorized by this section are below 1.0 lb/hr  
(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.

## Compliance History and Site Review

In accordance with 30 TAC Chapter 60, a compliance history report was reviewed on: **April 1, 2025**  
Site rating / classification: **N/A** 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	2.60E-01	7.40E-01	Yes
Calcium Carbonate	PM		6	10	2.60E-01	7.40E-01	Yes
Calcium Silicate	PM		6	10	2.60E-01	7.40E-01	Yes
Cellulose Fiber	PM		6	10	2.60E-01	7.40E-01	Yes
Gypsum	PM		6	10	2.60E-01	7.40E-01	Yes
Iron Oxide Dust	PM		6	10	2.60E-01	7.40E-01	Yes
Kaolin	PM		6	10	2.60E-01	7.40E-01	Yes
Marble	PM		6	10	2.60E-01	7.40E-01	Yes
Zinc Oxide	PM		6	10	2.60E-01	7.40E-01	Yes

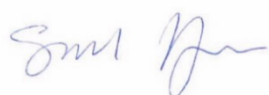
## Total 106.261/262 Combined Emissions

	Total Hourly Emissions (lb/hr)	Total Annual Emissions (tpy)
<b>Total PM Emissions*:</b>	0.26	0.74

\*Only one chemical is being used and emitted at a time, no two chemicals will be in use at once.

## Emission Summary

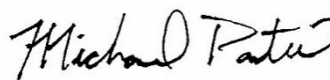
EPN / Emission Source	VOC		NOx		CO		PM		PM <sub>10</sub>		PM <sub>2.5</sub>		SO <sub>2</sub>	
	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy	lb/hr	tpy
1 / Conveyor Transfer- Wet	--	--	--	--	--	--	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	--
2 / Conveyor Transfer- Wet	--	--	--	--	--	--	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	--
3 / Screening (All)- Wet	--	--	--	--	--	--	0.22	0.02	0.07	0.01	0.01	<0.01	--	--
4 / Conveyor Transfer- Wet	--	--	--	--	--	--	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	--
STK / Stockpiles	--	--	--	--	--	--	--	0.72	--	0.36	--	0.05	--	--
<b>TOTAL EMISSIONS (TPY):</b>							<b>0.74</b>		<b>0.37</b>		<b>0.05</b>			
<b>MAXIMUM OPERATING SCHEDULE:</b>												<b>Hours/Year</b>	<b>8,760</b>	



04/01/2025

Ms. Sarah Kyser  
Permit Reviewer  
Rule Registration Section

Date



04/02/2025

Michael Partee, Manager  
Rule Registrations Section  
Air Permits Division  
Section Manager

Date