

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Mississippi Limestone Corporation File Number: 84-0084 EPS Initials: JTD
Permit Number(s): 974813 Source Point Number(s): 01
Application Received (date): 8/23/2018 Application Complete (date): 9/21/2018
Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

A currently permitted portable concrete batch plant is being replaced with an upgraded model consisting of one (1) silo, conveyors, and equipment used to produce ready mix concrete. A central dust collector is used to control emissions from the silos, weigh batcher, and truck discharge. Particulate matter will be emitted from this source.

RULES ANALYSIS

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY	<input type="checkbox"/>	Sig. increase in __*__ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart *	<input type="checkbox"/>	State Rule 1200-3-16-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart *	<input type="checkbox"/>	State Rule 1200-3-11-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart *	<input type="checkbox"/>	State Rule 1200-3-31-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

PM Emissions:	1200-03-07 -. 04(2)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO _x Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
SO ₂ Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Lead Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Fugitive Emissions:	1200-03- 09 -. 03(8)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
VOC Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	_____ Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>

Visible Emissions from	<u>Source</u>	not to exceed	<u>20</u>	% opacity per Method	<u>9</u>	Rule 1200-03- <u>05</u> -. <u>01(1)</u>
Visible Emissions from	<u>Roads/Parking</u>	not to exceed	<u>10</u>	% opacity per Method	<u>1</u>	Rule 1200-03- <u>08</u> -. <u>03</u>
Visible Emissions from	_____	not to exceed	_____	% opacity per Method	_____	Rule 1200-03-_____ -. _____

Comments: _____

Emission Summary

Source Number: 84-0084-01

Permit Number: 974813

Source Status: New ☐ Modification ☒ Expansion ☐ Relocation ☐

Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAP ☐

Previous Permit Number: Construction

Operating 062337
g

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
PM	5.75**	----	21.43***	1.58**	----	5.89***	N/A	8/16/18		07-.04(2)
Fugitive PM	3.16**	----	3.16**	0.87**	----	0.87**	N/A	8/16/18		08-.01)

* - Source of data based on the permit application dated August 16, 2018

** - Actual PM values and allowable fugitive emission values are derived from AP-42 Chapter 11.12, Concrete Batching, Supplement to 5th Ed, 06/06, using 550 operating hours based on a production rate of 110,000 yd³/yr and a batch rate of 200 yd³/yr

*** - Allowable PM values are based on 0.25 gr/dscf and 550 hours of operation

PERMITTING PROGRAM: JTD DATE: 11/14/2018