



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243
Telephone: (615) 532-0554, Email: Air.Pollution.Control@TN.gov

APC 100

APC RCU0

23 AUG 2018 PH1:01

**NON-TITLE V PERMIT APPLICATION
FACILITY IDENTIFICATION**

Type or print and submit. Attach appropriate source description forms.

SITE INFORMATION

1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)]

Mississippi Limestone Corporation (000382703)

2. Site name (if different from legal name)

3. Is a construction permit application fee being submitted? Yes ☒ No ☐
(see instructions for appropriate fee to submit)

4. Site address (St./Rd./Hwy.)

10319 Richardson Landing Road

County name

Tipton

City

Drummonds

Zip code

38023

5. NAICS or SIC code

3273

6. Site location
(in lat. /long.)

Latitude

35.508409

Longitude

-89.941795

CONTACT INFORMATION (RESPONSIBLE PERSON)

7. Responsible person/Authorized contact

PHILIP C CLEGG

Phone number with area code

662-383-2207

Mailing address (St./Rd./Hwy.)

P O BOX 252

Fax number with area code

662-383-2242

City

FRIARS POINT

State

MS

Zip code

38631

Email address

pcclegg@bellsouth.net

CONTACT INFORMATION (TECHNICAL)

8. Principal technical contact

PHILIP C CLEGG

Phone number with area code

662-383-2207

Mailing address (St./Rd./Hwy.)

P O BOX 252

Fax number with area code

662-383-2242

City

FRIARS POINT

State

MS

Zip code

38631

Email address

pcclegg@bellsouth.net

CONTACT INFORMATION (BILLING)

9. Billing contact

PAT PEAY

Phone number with area code

662-383-2207

Mailing address (St./Rd./Hwy.)

P O BOX 252

Fax number with area code

662-383-2242

City

FRIARS POINT

State

MS

Zip code

38631

Email address

patpeay@bellsouth.net

AIR CONTAMINANT SOURCE(S) INFORMATION

10. Description of air contaminant source(s) and Unique Source ID(s). List, identify, and briefly describe process emission sources, fuel burning installations, and incinerators that are contained in this application and include a Unique Source ID for each source. The Unique Source ID is a name/number/letter, which uniquely identifies the air contaminant source(s), like Boiler #1, Paint Line #1, Engine #1, etc. (see instructions for more details)

The plant manufactures concrete by mixing limesotne, sand, cement, and fly ash. Concrete is transported in batch trucks to the adjoining casting field. Particulate emissions from cement and fly ash silo vents, and vents from storage containers are controlled by bag filters. Water supression is used to minimize dust from stockpiles and haul roads. Fuel storage tanks on site have submerged fill systems.

Source ID: Concrete Plant #1

11. Is the air contaminant source(s) in a nonattainment area? If "Yes", then minor source BACT must be addressed. Yes No

☐
☒

12. Normal operation:	Hours/Day 10	Days/Week 5	Weeks/Year 11	Days/Year 55
13. Percent annual throughput	Dec. – Feb. 0%	March – May 33%	June – August 50%	Sept. – Nov. 17%

TYPE OF PERMIT REQUESTED (check appropriate box)

14. Operating permit <input type="checkbox"/>	Date construction started	Date completed	Date of ownership change (if applicable)
	Last permit number(s)	Emission Source Reference Number(s)	
Construction permit <input checked="" type="checkbox"/>	Last permit number(s) 062337P	Emission Source Reference Number(s) 84-0084-01	

If you chose Construction permit above, then choose either New Construction, Modification, or Location Transfer

New Construction <input checked="" type="checkbox"/>	Starting date January 2019	Completion date April 2019
Modification <input type="checkbox"/>	Date modification started or will start	Date completed or will complete
Location Transfer <input type="checkbox"/>	Transfer date	Address of last location

15. Describe changes that have been made to this equipment or operation(s) since the last construction or operating permit application:

Facility has been upgraded to a Erie Strayer model MG-11C. See included diagram that is part of the applicaiton to the State of Louisiana for permitting in Louisiana. Due to the new plant, this would constitute new construction rather than a renewal of the existing operating permit.

16. Comments

Location is in association with the U.S. Corp of Engineers. Google Maps indicates the address is 7609 Richardson Landing Road and is listed as USACE Office. Facility is at least partially mobile in that it is moved between this site and one in Louisiana on an annual basis with work being done at one site one year and the other the next year. The facility is considered a Mobile Gravity Central Mix Plant, using crushed limestone, sand, cement, and fly ash to manufacture concrete mats for the US Corp of Engineers. The plant operates from April to September and usually produced concrete at a location every other year.

SIGNATURE

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

17. Signature (application must be signed before it will be processed)

Date



8/16/2018

Signer's name (type or print)

Title

Phone number with area code

PHILIP C CLEGG

vice- president

662-383-2207

CONCRETE BATCH PLANT EMISSIONS CALCULATOR - OUTPUT SCREEN

REVISION D; October 15, 2015



This spreadsheet is for your use only and should be used with caution. DENR does not guarantee the accuracy of the information contained. This spreadsheet is subject to continual revision and updating. It is your responsibility to be aware of the most current information available. DENR is not responsible for errors or omissions that may be contained herein.

SOURCE / FACILITY / USER INPUT SUMMARY (FROM INPUT SCREEN)

General Facility Information

COMPANY NAME:
FACILITY ID NUMBER:
PERMIT NUMBER
FACILITY CITY:
FACILITY COUNTY:
SPREADSHEET PREPARED BY:

Company Name

04/01/12345

01234R00

City

County

Your Name

General Facility Information

MAXIMUM HOURLY THROUGHPUT AT TRUCK LOAD OUT
ACTUAL ANNUAL PRODUCTION

200 (yd³/hour)

85000 (yd³/year)

Facility Production Information

PERCENT OF ANNUAL LOADOUT THROUGH TRUCK MIX
PERCENT OF ANNUAL LOADOUT THROUGH CENTRAL MIX

0 (% by volume)

100 (% by volume)

Facility Emissions Control Information

IS THERE A CONTROL DEVICE ON THE TRUCK MIX?
IS THERE A CONTROL DEVICE ON THE CENTRAL MIX?

1 (1=No, 2=Yes)

2 (1=No, 2=Yes)

Material Composition Information

Cement
Supplement
Coarse Aggregate
Sand
Water
Total

		Typical NC Comp.*
314	lbs	410 lbs
88	lbs	120 lbs
1893	lbs	1884 lbs
1340	lbs	1443 lbs
230	lbs	167 lbs
3868	lbs	4024 lbs


* North Carolina typical material composition is based on data from industry contacts. User may enter site-specific data.

PARTICULATE MATTER EMISSIONS INFORMATION

PARTICULATE EMISSIONS		ACTUAL EMISSIONS		POTENTIAL EMISSIONS			
		(AFTER CONTROLS / LIMITS)		(BEFORE CONTROLS / LIMITS)		(AFTER CONTROLS / LIMITS)	
	Pollutant	lb/hr	tons/yr	lb/hr	tons/yr	lb/hr	tons/yr
truck mix*	PM	0.000	0.000	0.000	0.000	0.000	0.000
	PM10	0.000	0.000	0.000	0.000	0.000	0.000
central mix*	PM	0.852	0.181	27.457	120.260	0.852	0.234
	PM10	0.232	0.049	7.276	31.870	0.232	0.064
cement silo	PM	0.031	0.007	22.922	100.398	0.031	0.009
	PM10	0.011	0.002	14.758	64.640	0.011	0.003
suppl. Silo	PM	0.078	0.017	27.632	121.028	0.078	0.022
	PM10	0.043	0.009	9.680	42.398	0.043	0.012
weigh hopper** (sand & aggr.)	PM	1.552	0.330	1.552	6.797	1.552	0.427
	PM10	0.905	0.192	0.905	3.965	0.905	0.249
sand & aggr.	PM	4.763	1.012	4.763	20.861	4.763	1.310
	PM10	2.272	0.483	2.272	9.952	2.272	0.625
TOTAL PM	PM	7.276	1.546	84.325	369.344	7.276	2.001
TOTAL PM10	PM10	3.463	0.736	34.891	152.826	3.463	0.952
Title V Potential	PM10						0.015

*Truck/Central mix emission factors include emissions from cement & supplement weigh hopper(s).

**Actual/Potential weigh hopper (sand & aggr) emissions assumed uncontrolled since AP-42 reports "no data" for controlled.

Department of Environmental Quality Office of Environmental Services Air Permits Division P.O. Box 4313 Baton Rouge, LA 70821-4313 (225) 219-3181	Regulatory Permit Notification Form Concrete Manufacturing Facilities LAC 33:III.315	
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5. Local Zoning

Local Zoning Code: None			
Local Zoning Authority: NA			
Local Zoning Authority Contact		Address (Including Suite, Mail Drop, or Division)	
City	State	Zip	Business Phone
Documentation Provided? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A			

6. Emissions Inventory

Is the Facility identified in Section 1 subject to LAC 33:III.919? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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7. Facility Specifications

Hourly Production Rate:	170	yd ³ /hr	330	tons/hr
Annual Production Rate:	85,000	yd ³ /yr	165,027	tons/yr
Annual Operating Time:	500	hr/yr		

Description of the Process:

The plant manufactures concrete by mixing limestone, sand, cement, and fly ash. Concrete is transported in batch trucks to the adjoining casting field. Particulate emissions from cement and fly ash silo vents, and vents from storage containers are controlled by bag filters. Water suppression is used to minimize dust from stockpiles and haul roads. Fuel storage tanks on site have submerged fill systems.

8. Emission Sources

ID No.	Description	Maximum Operating Rate or Tank Capacity
1	Material Stockpiles	24 Hr/day Outdoor Storage
2	Area & Haul Roads	33.5 Lb/hour Fugitive Emissions
3	Aggregate Transfer	0.55 Lbs/hour
4	Sand Transfer	0.12 Lbs/hour
5	Cement Unloading to Elevated Silo	0.01 Lbs/hour
6	Fly Ash Unloading to Elevated Silo	0.04 Lbs/hour
7	Truck Loading	9.27 Lbs/hour
8	Fuel Storage Tanks	0.60 Lbs/hour

Department of Environmental Quality Office of Environmental Services Air Permits Division P.O. Box 4313 Baton Rouge, LA 70821-4313 (225) 219-3181	Regulatory Permit Notification Form Concrete Manufacturing Facilities LAC 33:III.315	
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9. Engine Specifications. Duplicate this section for each engine on site. NA – Electric Power

ID No.	Manufacturer and Model	Rated Horsepower	Serial Number	Fuel Type
Enter the capacity of the fuel storage tank (in gallons):				
Is the tank equipped with a submerged fill pipe?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Is this engine subject to 40 CFR 60 Subpart IIII?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Is this engine subject to 40 CFR 60 Subpart JJJJ?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Under 40 CFR 63 Subpart ZZZZ, this engine is:		<input type="checkbox"/> New	<input type="checkbox"/> Reconstructed	<input type="checkbox"/> Existing

10. Estimated Annual Emissions

Calculations Attached? <input checked="" type="checkbox"/> Yes			
<u>Criteria Pollutant Emissions:</u>	<u>Tons</u>	<u>Toxic Air Pollutant (TAP) Emissions:</u>	<u>Tons</u>
Particulate Matter (PM ₁₀):	14.89	TAP (specify):	0.00
Sulfur dioxide (SO ₂):	0.00	TAP (specify):	0.00
Nitrogen Oxides (NO _x):	0.00	TAP (specify):	0.00
Carbon Monoxide (CO):	0.00	TAP (specify):	0.00
Volatile Organic Compounds (VOC):	1.5	TAP (specify):	0.00
(including toxic air pollutants)		TAP (specify):	0.00

Add additional rows as necessary.

Mississippi Limestone Corp

Mississippi Limestone Corp operates a Mobile Gravity Central Mix Plant in ~~De Kalb, Louisiana~~. The plant uses crushed limestone, sand, cement, and fly ash to manufacture concrete mats for the US Corp of Engineers. The facility generally operates during the months of April to September; and, usually produces concrete from this site only every-other-year.

These emissions estimates have been calculated for a new Erie Strayer model MG-11C.

NOTE: The facility power-supply is electricity from local grid.

C&W Manufacturing & Sales Co.
P.O. Box 908 • Crowley, TX 76036
817.783.5000 tel • 817.783.2353 fax
info@cwmfg.com • www.cwmfg.com

Air Permit Work Sheet for C&W Dust Collector

Dust Collector Model No.	RA200	
Type of Collector	Central	
Cleaning Mechanism	reverse air w/ adjustable timer	
Fan Included	y	
Fan Power	20.0	hp
Collector Flow Rate	10,000	acfm
Filter Material	100 % polyester felt	
Filter Efficiency	99.90	
Filter Media Max Pressure Drop	6	in h ₂ O
Total Area of Filter Media	2,148	sqft
Nominal Filter Diameter	8	in
Nominal Filter Length	9.50	ft
Quantity of Filters	108	
Number of Compartments	2	
Number of Filters per Compartment	54	
Filtering Velocity	4.66	acfm / ft ² of cloth

Maximum concrete production	200	yds / hr
Number of fill lines	0	
Application Flow Rate	10,000	acfm
Type of Particulate Controlled	3. cement & flyash	
Name of Source(s) or Equipment being Controlled	13. CENTRAL MIX LOADING, WEIGH BATCHER & CEMENT-FLYASH SILO	

	PM inlet		PM outlet	
Particulate Grain Loading	0.39527	grains / scf	0.000395267	grains / scf
Particulate Emissions	33.88000	lbs / hr	0.0338800	lbs / hr

Outlet Area	3.45	ft ²
Outlet Velocity	48.31	ft / s

Calculations
MS Limestone Corp
Delta Field

plant Site:	MG-11C	
Daily Hours:	10	hrs
Weekly Operation:	5	days/week
Yearly Operation:	10	weeks/yr
Annual Operation:	50	days/yr
Operating Time:	500	hrs/yr
Yard Paved/Limestone/etc:	No	
Annual (Concrete) Production:	165000	tons/yr
Cement Unloaded Annually:	12367	tons/yr
Fine Aggregate:	57035	tons/yr
Coarse Aggregate:	82875	tons/yr
Slag of Fly Ash:	3655	tons/yr
Avg. Weight of Trucks:	52000	lbs
Avg. Weight of Trucks:	26	tons
Driveway Length:	3000	ft
Truck Capacities:	10	yds ³
No. of Trucks/hr:	20	
Stockpiles:	Yes	
No. of Stockpiles	2	
Stockpile Capacity (max):	34620	yds ³
	95000	tons
Diesel Storage	2000	gallon
Diesel Throughput	97	gal/day
Gasoline Storage	1000	gallon
Gasoline Throughput	66	gal/hr

Density of Common Building Materials

Table 11.12-2 Emissions Factors for Concrete Batching

Total PM10		
Emission factors (lb/ton)	Uncontrolled	Controlled
Aggregate Transfer	0.0033	
Sand Transfer	0.00099	
Cement Unloading to Elevated Storage Silo	0.47	0.00034
Cement Supplement Unloading to Elevated Storage Silo	1.1	0.0049
Weight Hopper Loading	0.0028	
Mixer Loading	0.156	0.0055
Truck Loading	0.31	0.263
Section 13.2.1 Paved Roads		
Vehicle Traffic (Paved)	lb/VMT	lb/VMT/yr
	0.5858	0.5417
Particle Size Multiplier; k	0.0022	lb/VMT
Silt Loading, sL	12	g/m ²
"wet" days, P	110	days
Days in period, N	365	days
Silt Content, s	5.5	%
Total Loading, lb/mi	0.0059	lb/mi
Section 13.2.2 Unpaved Roads		
Vehicle Traffic (Unpaved)	lb/VMT	lb/VMT/yr
	2.1083	1.4729
Particle Size Multiplier; k	1.5	lb/VMT
Silt Content, s	5.95	%
Constant, a	0.9	
Constant, b	0.45	
Mean Vehicle Speed, S	8.25	mph
Section 13.2.4 Storage Piles		
Storage Piles	lb/ton	
	0.0041	
Particle Size Multiplier; k	0.35	
Mean Wind Speed, U	10	mph
Moisture Content, M	1.5	%

lb/yr		lb/hr		tpy	
Uncontrolled	Controlled	Uncontrolled	Controlled	Uncontrolled	Controlled
274.5875	0	0.5492	0.0000	0.1373	0.0000
62.111115	0	0.1242	0.0000	0.0311	0.0000
6393.739	4.625258	12.7875	0.0093	3.1969	0.0023
4422.55	19.70045	8.8451	0.0394	2.2113	0.0099
430.9228	0	0.8618	0.0000	0.2155	0.0000
2749.38					
5463.50	4635.16	10.9270	9.2703	2.7318	2.3176
	6155.2921	13.3137	12.3106	3.3284	3.0776

	16737.5348	47.9153	33.4751	11.9788	8.3688
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NOTE: Unpaved Roads Emissions are very conservative. Includes average number of rains days, with no other controls; however, the site is watered regularly.

391.9177		0.0447	0.0000	0.1960	
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		lb/hr		tpy	
Total PM10 Emissions		82.0549	58.81	20.6985	14.89
VOC Emissions		0.60		1.51	
lbs/yr					
1.634	0.0002	0.0033		0.00	
	3013.2500	0.6025		1.51	

Per TANKS 4.09d - Diesel emissions

Per TANKS 4.09d - Gasoline emissions

TANKS 4.0.9d - Gasoline Emissions			
Emissions Report - Summary Format			
Individual Tank Emission Totals			
Emissions Report for: Annual			
Miss. Lime - Horizontal Tank			
Shreveport, Louisiana			
VOC			
Losses(lbs)			
Components	Working Loss	Breathing Loss	Total Emissions
Gasoline (RVP 11)	373.53	2639.72	3013.25

Facility Emissions Summary
 Mississippi Limestone, Delta Field
 Erie Strayer MG-11C

	PM10			NOx			CO			SO2			VOC		
	lb/hr	lb/hr (max)	tpy	lb/hr	lb/hr (max)	tpy	lb/hr	lb/hr (max)	tpy	lb/hr	lb/hr (max)	tpy	lb/hr	lb/hr (max)	tpy
Plant	58.81		14.89												
Engine	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Tanks	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.61	0.60	1.50
Total	58.81	0.00	14.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.60	1.50



NON-TITLE V PERMIT APPLICATION
CONCRETE BATCH PLANT SOURCE DESCRIPTION

Type or print. Submit for each concrete batch plant. Submit with the APC 100.
Submit a Plant Diagram according to the instructions given below.

GENERAL IDENTIFICATION AND DESCRIPTION

1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)] Mississippi Limestone Corporation (000382703)	2. Emission Source Reference Number 84-0084-01
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, list rule citation, including Part, Subpart, and applicable Sections:	
4. Unique Source ID (name/number that uniquely identifies this source, like Plant 1) Concrete Plant #1	5. Date constructed April 2019

6. Maximum annual production: (Yards)	Transit mix	Central mix 110,000	Dry mix
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CEMENT RECEIVING AND STORAGE

7. Cement receiving equipment	Is conveyor enclosed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is elevator enclosed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Compressed air flow (Ft. ³ /Min.) 10,000	Average load size (Tons) 19.34	Normal loading time (Min.) 3 min
8. Cement storage silos:	Number of silos 1	Total capacity (Units: barrels or tons) 715	<u>Silo vent controls</u> Discharges to (check one) Fabric filter <input checked="" type="checkbox"/> Another silo <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/>		

WEIGH-BATCHER INFORMATION

9. Weigh batcher:	Capacity (Yards) 12	Batching rate (Yards/Hour) 200	Batch dumping rate (Yards/Minute) 3.33
Silo - to - weigh - batcher vent controls	Hood <input type="checkbox"/>	Fabric filter <input checked="" type="checkbox"/>	Discharges to silo <input type="checkbox"/> None <input type="checkbox"/>
10. Weigh - batcher: (Check or complete as appropriate)	Discharges to: (In yards/year)		
	Trucks 110,000	Tilt	Products mixer
	Weigh-batcher discharge chute controls:		
	Adjustable gathering hopper <input type="checkbox"/>	Hood <input type="checkbox"/>	Fabric filter <input checked="" type="checkbox"/> Discharges to silo <input type="checkbox"/> None <input type="checkbox"/>

11. Air contaminants. Emission estimates for each air contaminant emitted from this point should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. (see instructions for more details)

SILO #1 EMISSION INFORMATION

12. Emission point data for:	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Height above grade (Ft.)	17	14	11
B. Diameter (Ft.)			2.3
C. Emission exit direction (Up, down, or horizontal)	Down	Horizontal	Down
D. Air flow rate (Ft. ³ /Minute)	10,000	10,000	10,000
13. Particulate matter (PM)	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Average emissions (Pounds/Hour)	0.31		0.852
B. Maximum emissions (Pounds/hour)	0.31		0.852
C. Average emissions (Tons/Year)	0.007		0.181
D. Potential emissions (Tons/Year)	0.009		0.234
E. Emissions estimation method*	3 & 5		3 & 5
F. Control devices*	017	017	017
G. Control efficiency %	99.9	99.9	99.9

SILO #2 EMISSION INFORMATION

14. Emission point data for:	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Height above grade (Ft.)	17		
B. Diameter (Ft.)			
C. Emission exit direction (Up, down, or horizontal)	Down		
D. Air flow rate (Ft. ³ /Minute)	10,000		
15. Particulate matter (PM)	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Average emissions (Pounds/Hour)	0.078		
B. Maximum emissions (Pounds/hour)	0.078		
C. Average emissions (Tons/Year)	0.017		
D. Potential emissions (Tons/Year)	0.022		
E. Emissions estimation method*	3 & 5		
F. Control devices*	017		
G. Control efficiency %	99.9		

16. Control device. Description of proposed monitoring, recordkeeping, and reporting to assure compliance with emission limits. Include operating parameters of control device (flow rate, temperature, pressure drop, etc.).
Baghouse with 99.9% efficiency. Filter media max pressure drop is 6 inches of water. Flow rate is 10,000 cfm.

ROAD DUST AND STOCKPILE INFORMATION

17. Road dust control:	None	Paved	Oiled	Watered frequently	
Plant yard:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water	
Access roads:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water	
18. Stockpiles:	Estimated annual tonnage	Number of sides enclosed	Turnover rate (Tons/Month)	Received damp	Wetted as received
Gravel:	82875		37860		Yes
Sand:	57035		26800		Yes

19. Comments


Facility operates from April to September. Emissions were calculated using the NC Concrete Batch Plant Emissions Calculator which uses AP-42 Chapter 11.12 factors primarily with some additional factors from NC DAQ (these factors did not apply to this facility). Facility is requesting an production limit of 110,000 cubic yards/year for purposes of matching maximum potential production. At 110,000 cubic yards/year, the potential to emit for the entire facility is calculated at 2.001 tons of particulates per year after inherent controls. This production limit is not to be considered a Conditional Major request. Hazardous Air Pollutants are negligible with highest being Manganese compounds at 1.98 lbs./year potential after inherent controls. The calculations and data from the plant when it is located in Louisiana are included as references as they include the plant diagram and other technical specifications.

Silo #1 is the cement, Silo #2 is fly ash.

SIGNATURE

If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

20. Signature 	Date 8/16/2018
Signer's name (type or print) PHILIP C CLEGG	Title VICE-PRESIDENT
Phone number with area code 662-383-2207	

Concrete batch plant diagram instructions: Show general plant layout and air pollution control devices. Indicate the following: storage pile areas, conveyor systems, method of receiving cement, elevators, silos, silo vents, silo-to-weigh-batcher vent, weigh-batcher discharge chute, and product receiving equipment such as trucks and tilt or product mixers. Indicate air pollution control devices such as fabric filters, wet suppressions, hoods, canvas coverings, enclosures, etc.

* Refer to the instructions for the estimation method and control device codes. If the code is "Other" specify in comments.



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 DIVISION OF AIR POLLUTION CONTROL
 William R. Snodgrass Tennessee Tower
 312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243
 Telephone: (615) 532-0554, Email: Air.Pollution.Control@TN.gov

**NOTICE OF INTENT (NOI) FOR DIVISION OF AIR POLLUTION
 CONTROL PERMIT-BY-RULE (PBR)**

FACILITY INFORMATION				
Organization's legal name Mississippi Limestone Corporation (000382703)				
Facility name (if different from legal name)				
Site address (St./Rd./Hwy.) 10319 Richardson Landing Road			County name Tipton	
City Drummonds			Zip code 38023	
CONTACT INFORMATION (RESPONSIBLE PERSON)				
Responsible person/Authorized contact PHILIP C CLEGG			Phone number with area code 662-383-2207	
Mailing address (St./Rd./Hwy.) P O BOX 252			Fax number with area code 662-383-2242	
City FRIARS POINT	State MS	Zip code 38631	Email address pcclegg@bellsouth.net	
CONTACT INFORMATION (TECHNICAL)				
Principal technical contact PHILIP C CLEGG			Phone number with area code 662-383-2207	
Mailing address (St./Rd./Hwy.) P O BOX 252			Fax number with area code 662-383-2242	
City FRIARS POINT	State MS	Zip code 38631	Email address pcclegg@bellsouth.net	
TYPE OF NOTIFICATION OF AUTHORIZATION (NOA) REQUESTED				
<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Existing Source w/o Permit	<input type="checkbox"/> Replace Existing Permit with PBR	<input type="checkbox"/> Change of Ownership	
Construction Starting Date: Feb 2009		Emission Source Reference Number:		
Construction Completion Date: Feb 2009		Existing Permit Number:		
Describe changes and/or modifications that have been made, since the last permit application or NOI: Facility had not previously permitted the GDF on site as part of a permitted Concrete Batch Plant.				

PERMIT-BY-RULE CATEGORY			
For which PBR category is an NOA being requested? Potentially eligible categories are listed at Tenn. Comp. R. & Regs. 1200-03-09-.07(5).			
Gasoline Dispensing Facility	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Other _____ _____
Auto body refinishing	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Stationary emergency engine	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
CERTIFICATION OF ELIGIBILITY			
The facility at which this source is located does not have the potential to emit 100 tons per year or greater of any air pollutant subject to regulation and has not taken limits to reduce its potential to emit below this threshold.		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
The facility at which this source is located does not have the potential to emit ten (10) tons per year or more of a single hazardous air pollutant or twenty-five (25) tons per year or more of any combination of hazardous air pollutants and has not taken limits to reduce its potential to emit below these thresholds.		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
The facility is/is not located in a county designated serious, severe, or extreme <u>non-attainment</u> for ozone.		Is <input type="checkbox"/>	Is Not <input checked="" type="checkbox"/>
If the facility at which this source is located is in a county designated serious, severe, or extreme <u>non-attainment</u> for ozone, this source does not have the potential to emit ten (10) tons per year or more of nitrogen oxides or volatile organic compounds.		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
SOURCE-SPECIFIC INFORMATION			
Gasoline Dispensing Facilities	Maximum monthly throughput in gallons 9000 gallons / month		
List Pollution Control Devices	Submerged Fill		
Auto Body Refinishing	Methylene chloride used?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
List Pollution Control Devices			

Emergency Stationary Engine(s) – Please complete the following information for all emergency stationary engines. If additional room is needed, please attach a separate page with the remaining engines and required information.

Number of Engines	Brief Description of Engine Purpose	Operated only during emergencies ¹	Engine Manufacture Date(s) (approximate) ²	Engine Capacity in Horsepower ³	Engine Fuel Type(s)	List Pollution Control Devices
		Yes <input type="checkbox"/> No <input type="checkbox"/>				
		Yes <input type="checkbox"/> No <input type="checkbox"/>				
		Yes <input type="checkbox"/> No <input type="checkbox"/>				
		Yes <input type="checkbox"/> No <input type="checkbox"/>				
		Yes <input type="checkbox"/> No <input type="checkbox"/>				
		Yes <input type="checkbox"/> No <input type="checkbox"/>				
		Yes <input type="checkbox"/> No <input type="checkbox"/>				

¹ A maximum of 100 hours of non-emergency operation per calendar year as allowed within the provisions of the rule.

² If an engine is known to be manufactured prior to April 2005, you may indicate 'manufactured prior to April 2005' without having to approximate the manufactured date.

³ If the engine serves a generator, be sure to list the engine power output, not the generator electrical output.

SIGNATURE

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application and any attached application(s) is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Responsible person signature (application must be signed before it will be processed)

Phil C Clegg

Date
8/16/2018

Responsible person printed name
PHILIP C CLEGG

Title
VICE - PRESIDENT

Phone number with area code
662-383-2207

00068

00100

13293

fedex.com 1800.GoFedEx 1800.463.3339

06500027

FedEx Package
Express US Airbill
FedEx
Tracking
Number

8115 9400 7940

1 From

Date

8-18-18

Sender's
Name

PHILIP C. CLARY

Phone

662 383-2207

Company

MISSISSIPPI LIMESTONE CO

Address

1500 PORT RD

Dept./Floor/Suite/Room

City

FRIARS POINT

State

MS

ZIP

38631

2 Your Internal Billing Reference

3 To

Recipient's
Name

Dept. of Envir. Conservation

Phone

615 532-0554

Company

DIVISION OF AIR POLLUTION CONTROL

Address

William A. Smadgrass Tenn. Tower

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

212 Rosa L Parks Av 15th Floor

Use this line for the HOLD location address or for continuation of your shipping address.

City

Nashville

State

TN

ZIP

37243

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

8115 9400 7940

Form
ID No.

0215

Recipient's Copy

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

☐

FedEx First Overnight

Earliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless Saturday Delivery is selected.☐

FedEx Priority Overnight

Next business morning.* Friday shipments will be
delivered on Monday unless Saturday Delivery
is selected.☐

FedEx Standard Overnight

Next business afternoon.*
Saturday Delivery NOT available.

2 or 3 Business Days

☐

FedEx 2Day A.M.

Second business morning.*
Saturday Delivery NOT available.☐

FedEx 2Day

Second business afternoon.* Thursday shipments
will be delivered on Monday unless Saturday
Delivery is selected.☒

FedEx Express Saver

Third business day.*
Saturday Delivery NOT available.

5 Packaging

* Declared value limit \$500.

☒

FedEx Envelope*

☐

FedEx Pak*

☐FedEx
Box☐FedEx
Tube☐

Other

6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

☐

Saturday Delivery

NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐

No Signature Required

Package may be left without
obtaining a signature for delivery.☐

Direct Signature

Someone at recipient's address
may sign for delivery.☐

Indirect Signature

If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery. For
residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☒

No

☐

Yes

As per attached
Shipper's Declaration.☐

Yes

Shipper's Declaration
not required.☐

Dry Ice

Dry Ice, 9, UN 1845

x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip.
Acct. No.☒Sender
Acct. No. in Section
I will be billed.☐

Recipient

☐

Third Party

☐

Credit Card

☐

Cash/Check

Total Packages

Total Weight

Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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