



AECOM Technical Services, Inc  
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May 18, 2020

Ms. SherryI Couch  
Environmental Permits Division  
MS Department of Environmental Quality  
Office of Pollution Control  
P.O. Box 2261  
Jackson, MS 39225

**RE: Ready-Mix Concrete General Permit Application for Mark Twain Redi-Mix,  
Southaven, DeSoto County, Mississippi**

Dear Ms. Couch,

AECOM has been retained by Mark Twain Redi-Mix to assist with preparing a Ready-Mix Concrete General Permit application for the operation of a batch concrete plant in Southaven, DeSoto County, Mississippi. This submittal includes one (1) copy of the applicable permit application forms. Note that this package was also submitted electronically on the MDEQ NOI eSubmittals page.

The Mark Twain Redi-Mix Plant will be operating in concurrence with the construction of another facility. The location is the construction site for the Medline Industries Inc., plant in Southaven and the general contractor for the site is Alston Construction. Therefore, Mark Twain Redi-Mix storm water activities on this site will be covered under the Medline Industries construction storm water permit MSR108010 and associated SWPPP. General contractor information for storm water activities is included in the forms.

If you have any questions regarding the forms package for this application, please contact me via cell phone or email as noted below my signature, or Jeff Bross of Mark Twain Redi-Mix at (573) 248-9624.

Sincerely,

Elizabeth J. Robinson, P.E.  
Project Manager  
mobile: (919) 608-9143  
[Libby.Robinson@aecom.com](mailto:Libby.Robinson@aecom.com)

enclosures

cc: Jeff Bross, President  
Mark Twain Redi-Mix  
P.O. Box 430  
Hannibal, MO 63401



MISSISSIPPI DEPARTMENT OF  
ENVIRONMENTAL QUALITY

**READY-MIX CONCRETE NOTICE OF INTENT (RMCNOI)**  
**FOR COVERAGE UNDER MULTIMEDIA READY-MIX CONCRETE**  
**GENERAL NPDES PERMIT MSG11 \_ \_ \_ \_**  
(NUMBER TO BE ASSIGNED BY STATE)

FILE AT LEAST 30 DAYS PRIOR TO THE COMMENCEMENT OF THE REGULATED INDUSTRIAL ACTIVITY

**INSTRUCTIONS**

Applicant must be owner or operator (legal entity that controls the facility's operation, rather than the plant/site manager or environmental consultant). The owner or operator that receives coverage is responsible for permit compliance.

Submittals with this RMCNOI must include:

- A Storm Water Pollution Prevention Plan (SWPPP) addressing storm water associated with industrial activity, developed in accordance with the requirements of ACT13 of the General Permit
- A detailed site drawing showing the property layout and indicating the features outlined in ACT4, S-2 of the General Permit
- A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523
- Plans and specifications for any wastewater treatment facilities necessary to achieve compliance with the requirements of this permit

Additional submittals that may be required with the RMCNOI:

- A Storm Water Pollution Prevention Plan (SWPPP) addressing storm water associated with construction activity, developed in accordance with the requirements of ACT19 of the General Permit.
- Appropriate Section 404 documentation
- If storm water discharges associated with construction activity are proposed, a detailed site drawing showing the property layout and indicating the features outlined in ACT4, S-3 of the General Permit.
- Where previous sampling and analyses have been performed, copies of any existing laboratory data for each process wastewater outfall and each stormwater outfall. If multiple sampling has been performed, provide a summary for each parameter, including sampling dates and the minimum, average and maximum values.

**ALL QUESTIONS MUST BE ANSWERED** (Answer "NA" if not applicable)

**OWNER INFORMATION**

IS APPLICANT THE ☒ OWNER ☒ OPERATOR (Check one or both)

OWNER CONTACT NAME & POSITION: Mr. Jeff Bross

OWNER COMPANY NAME: Mark Twain Redi-Mix

OWNER STREET OR P.O. BOX: P.O. Box 430

OWNER CITY: Hannibal STATE: MO ZIP: 63401

OWNER PHONE NUMBER (INCLUDE AREA CODE): (573) 248-9624

### OPERATOR INFORMATION

OPERATOR CONTACT NAME & POSITION: Mr. Jeff Bross, President

OPERATOR COMPANY: Mark Twain Redi-Mix

OPERATOR STREET OR P.O. BOX: P.O. Box 430

OPERATOR CITY: Hannibal STATE: MO ZIP: 63401

OPERATOR PHONE NUMBER (INCLUDE AREA CODE): (573) 248-9624

### FACILITY INFORMATION

FACILITY NAME: Mark Twain Redi-Mix Plant (address is construction site for the Medline Industries Southaven facility)

PHYSICAL SITE ADDRESS (IF NOT AVAILABLE INDICATE THE NEAREST NAMED ROAD):

STREET: 3446 Hwy 51 North CITY: Southaven

COUNTY: DeSoto ZIP: 38671

NATURE OF BUSINESS (INCLUDE 4 – DIGIT STANDARD INDUSTRIAL CLASSIFICATION CODE (SIC)):

Primary SIC Code: 3273 Secondary SIC Code: NAICS: 327320

LIST ANY OTHER PERMITS NEEDED FOR THIS FACILITY: Not applicable.

PLANT PRODUCTION RATE: 150 cubic yards/hr

RECEIVING STREAM: Not applicable, no direct discharge.

### STORMWATER ASSOCIATED WITH INDUSTRIAL ACTIVITY

INDICATE ANY ASSOCIATION OR GENERIC SWPPP: \_\_\_\_\_

LIST ANY MATERIAL HANDLING EQUIPMENT, RAW MATERIALS, INTERMEDIATE PRODUCTS, FINAL PRODUCTS, WASTE MATERIALS, BY-PRODUCTS, OR INDUSTRIAL MACHINERY EXPOSED TO STORM WATER (attach additional pages, if necessary): \_\_\_\_\_

### STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY

(To be completed only for activities in which 1 (one) acre or greater will be disturbed)

PRIME CONTRACTOR NAME: Jeff DeOliveira

PRIME CONTRACTOR COMPANY: Alston Construction

PRIME CONTRACTOR STREET OR P.O. BOX: 180 Raritan Center Parkway

PRIME CONTRACTOR CITY: Edison STATE: NJ ZIP: 08837

PRIME CONTRACTOR PHONE NUMBER (INCLUDE AREA CODE): (732) 379-5723

TOTAL ACREAGE THAT WILL BE DISTURBED: 74.97

ESTIMATED START DATE: February 7, 2020 ESTIMATED COMPLETION DATE: November 1, 2020

INDICATE ANY LOCAL ORDINANCE REQUIREMENTS: Not applicable.

## PROCESS WASTEWATER DISCHARGES

DESCRIBE THE TYPE OF WASTEWATER TREATMENT: Not applicable.

PROVIDE THE LATITUDE AND LONGITUDE OF EACH WASTEWATER OUTFALL (attach additional pages, if necessary):

LATITUDE: \_\_\_\_\_ degrees \_\_\_\_\_ minutes \_\_\_\_\_ seconds LONGITUDE: \_\_\_\_\_ degrees \_\_\_\_\_ minutes \_\_\_\_\_ seconds

PROVIDE THE PROPOSED FREQUENCY OF DISCHARGE PER OUTFALL: \_\_\_\_\_

PROVIDE THE PROPOSED VOLUME OF WASTEWATER DISCHARGED PER OUTFALL (gal/day): \_\_\_\_\_

PROVIDE A MATERIAL SAFETY DATA SHEET ON ALL CHEMICALS USED WHICH POTENTIALLY COULD BE FOUND IN THE WASTEWATER: \_\_\_\_\_

## AIR EMISSIONS

TYPE OF BATCHING: ☒ WET ☐ DRY ☐ CENTRAL MIX

WILL WATER SPRAYS BE USED AT THE FOLLOWING LOCATIONS? STOCKPILES: ☐ YES ☒ NO

AGGREGATE BINS: ☐ YES ☒ NO CONVEYOR TRANSFER POINTS: ☐ YES ☒ NO

CEMENT SILO INFORMATION: NUMBER OF CEMENT SILOS: 2  
LOADING METHOD OF SILO: Pneumatic  
VOLUME OF EACH SILO: 500 and 680 cubic yards

FACILITY ROADS WILL BE: ☐ PAVED ☒ WATER SPRINKLED ☐ OTHER (SPECIFY) \_\_\_\_\_

CUBIC YARDS OF RAW MATERIALS INPUT INTO PLANT:

SAND 17,500 ROCK 22,500 CEMENT 10,000

DOES THIS FACILITY UTILIZE ON-SITE ROCK CRUSHERS? ☐ YES ☒ NO

IF YES, ARE THEY: ☐ PERMANENT ☐ PORTABLE

**NOTE:** If this NOI includes the construction of new air emissions sources, the approval to construct will expire if construction does not begin within eighteen (18) months from the date of coverage issuance or if construction begins and is suspended for eighteen (18) months or more.

## CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jeff Bross  
Authorized Signature<sup>1</sup>

5-18-20  
Date Signed

Jeff Bross  
Printed Name<sup>1</sup>

President  
Title

<sup>1</sup>This application shall be signed according to ACT25, T-5 of the General Permit, as follows:

- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.
- For a municipal, state or other public facility, by principal executive officer, the mayor, or ranking elected official.

Please submit the RMCNOI form to:

Chief, Environmental Permits Division  
MS Department of Environmental Quality, Office of Pollution Control  
P.O. Box 2261  
Jackson, Mississippi 39225



READY-MIX CONCRETE GENERAL PERMIT  
COVERAGE NUMBER (MSG11 \_\_\_\_\_)

NOTIFICATION OF CONSTRUCTION / MODIFICATION OF AIR EMISSIONS SOURCES

INSTRUCTIONS

In accordance with ACT 7 of the Ready-Mix Concrete General Permit, notifications shall be submitted to MDEQ regarding the start and end dates of the construction of new air emissions sources or the modification of existing air emissions sources.

Part A of this form shall be used to notify MDEQ of the start of construction or modification, which is due within 15 days of the start of construction or modification.

Part B of this form shall be used to notify MDEQ of the end of construction or modification, which is due within 30 days of the end of construction or modification.

For short duration projects, the coverage recipient may complete both Parts A and B on a single submittal, so long as the 15-day construction start notification and the 30-day end of construction notification deadlines can be met.

COVERAGE RECIPIENT INFORMATION

COMPANY NAME: Mark Twain Redi-Mix

FACILITY NAME: Mark Twain Redi-Mix Plant

FACILITY LOCATION (street address or nearest named road): 3446 Hwy 51 North

FACILITY CITY: Southaven

COUNTY: DeSoto

CONTACT PERSON: Jeff Bross

CONTACT PHONE NUMBER: (573) 248-9624

PART A - Construction Start

Construction / Modification of the air emissions source(s) at the covered facility began on \_\_\_\_\_, 20\_\_\_\_.

PART B - Construction Complete

Construction / Modification of the air emissions source(s) at the covered facility was completed on \_\_\_\_\_, 20\_\_\_\_.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Signature

Jeff Bross

Printed Name

Date

President

Title

Submit this form to:

Chief, Environmental Permits Division  
MDEQ, Office of Pollution Control  
P.O. Box 2261  
Jackson, Mississippi 39225

Revised: 03/05/14

<sup>1</sup> This form shall be submitted with an original signature by an authorized individual in accordance with ACT 25, T-5 or T-6 of the General Permit.

**CONTIGUOUS LANDOWNER NOTIFICATION OF A READY-MIX CONCRETE  
FACILITY**

I, Mark Twain Redi-Mix, (please print authorized name of company) am proposing to construct, operate and/or modify a Ready-Mix Concrete facility at 3446 Hwy 51 North, Southaven, DeSoto County, MS (print complete address with county). The facility processes will include the operation of air emissions equipment and the discharge of storm water and process wastewater. In addition, construction activities such as clearing, grading and excavating may also be involved. This notification is to provide you with an opportunity to comment to the Mississippi Department of Environmental Quality Permit Board regarding the granting of permit coverage under the General Permit for Ready-Mix Concrete facilities.

This notice has been sent to you by Certified Mail - Return Receipt Requested. If you have no comments regarding this proposed facility, no response is necessary and the permitting process will continue. If you have any comments, they must be received by the Mississippi Department of Environmental Quality within 10 days of receipt. **The Department of Environmental Quality is limited in its review of this project to those environmental issues in which statutory authority has been given.** Any comments relative to zoning or economic and social impacts are within the jurisdiction of local zoning and planning authorities and should be addressed to those authorities. Comments are to be mailed to the following address:

**Chief, Environmental Permits Division  
Mississippi Department of Environmental Quality  
P. O. Box 2261  
Jackson, Mississippi 39225**

