FC&E Engineering, LLC
Water ▪ Soils ▪ Air ▪ Compliance

May 3, 2023

Mrs. Becky Williams
Environmental Permitting Division
MDEQ Office of Pollution Control
P. O. Box 2261
Jackson, Mississippi 39225

Re: ***MSG11 Ready Mix Concrete General Permit Coverage***
MMC Materials, Inc. – Dundee Wind Farm
Dundee, Tunica County, Mississippi

Dear Becky:

FC&E is submitting the enclosed *Notice of Intent, Contiguous Landowner Notifications, MS Secretary of State Registration, and Associated SWPPP with Sediment Basin Design Plans* for MMC Materials Inc for your review. Public Notice documents will be provided to MDEQ when notice of publication is received. MMC would temporary setup a portable ready mix concrete plant on this site to support the Dundee Wind Farm Project. Construction stormwater activities are covered under the wind mill projects large construction storm water permit number MSR108820.

Should you have any questions regarding the attached material, please contact Kyle Beckman with MMC Materials, Inc. at (601) 898-4000 or myself at (601) 824-1860.

Sincerely,

Charles Cook, P.E.
FC&E Engineering, LLC

Attachments
cc: Kyle Beckman – MMC Materials, Inc

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

READY-MIX CONCRETE GENERAL PERMIT (RMCGP) NOTICE OF INTENT

INSTRUCTIONS

All questions must be answered for this Notice of Intent (NOI) to be considered complete. If an item does not apply, enter "N/A" for not applicable to show that you considered the question. Additional instructions for the NOI are also available online in the "NOI Help" document at www.mdeq.ms.gov/rmcgp. The applicant must be the owner and/or operator of the property (i.e., the legal entity that controls the facility's operation, rather than the plant/site manager or environmental consultant).

Registration with Mississippi Secretary of State: If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of registration with the Mississippi Secretary of State and/or the Certificate of Good Standing (official or unofficial copy). This registration or Certificate of Good Standing must be dated within 12 months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Submittal Requirements: For coverage under this general permit, this form must be completed and returned to MDEQ **within 30 days** prior to commencement of the regulated activity. For other NOI submittal deadlines see Condition S-1 of ACT 2, of the RMCGP. All forms must be submitted online at www.mdeq.ms.gov/rmcgp or via hard copy to:

Water II Branch Manager, Environmental Permits Division
Mississippi Department of Environmental Quality
PO Box 2261
Jackson, MS 39225-2261

Storm Water Pollution Prevention Plan (SWPPP): A SWPPP addressing storm water runoff from industrial activities must be submitted with the NOI. The SWPPP must comply with the requirements of ACT 5 of the RMCGP. If an electronic copy is submitted, a hard copy should also be mailed to the address above for MDEQ's files.

Wastewater Treatment: If wastewater treatment facilities are necessary to achieve compliance with the terms of the RMCGP, the plans and specifications for such treatment facilities must be submitted with the NOI>

Public Notice / Contiguous Landowner Notification: If the proposed facility will be considered a synthetic minor source, the applicant must publish a public notice allowing 30 days for receipt of public comments. For ALL proposed facilities, the applicant must provide contiguous landowner notification. The public notice and contiguous landowner notification form are available online at www.mdeq.ms.gov/rmcgp. A copy of the public notice and/or contiguous landowner notification form(s) must be submitted with the NOI.

Storm Water from Construction Activities: The RMCGP no longer covers storm water from construction activities. Construction activities including clearing, excavating, and other land disturbing activities equal to or greater than one (1) acre but less than five (5) acres require compliance with the Small Construction General Permit and completion of a Small Construction Notice of Intent (SCNOI). Construction activities equal to or greater than five (5) acres require compliance with the Large Construction General Permit and submittal of a Large Construction Notice of Intent (LCNOI). These General Permits, NOIs, and other required forms can be found at the following link: www.mdeq.ms.gov/generalpermits/.

FUEL BURNING EQUIPMENT FORM & COMPLIANCE PLAN

CURRENT COVERAGE NO.: MSG11 __ __ __ __

(Coverage number is located at the bottom left corner of your previous Certificate of Coverage)

FUEL BURNING EQUIPMENT LIST

List all stationary fuel burning equipment used at the facility. **Do not include** mobile fuel burning equipment (e.g., trucks or forklifts, welding equipment), portable engines that are moved about the site (e.g., pressure washers, welders), or portable engines that will not remain on the site more than 12 months (e.g., temporary generators).

Equipment Description	Emergency Use Only? (Yes/No)[1]	Fuel Type	Max. Heat Input/ Power Output	Manufacturer	Manufactured Date or Model Year
Example only:					
Engine for Generac generator	*No*	*Diesel*	*578 hp*	*Perkins*	*2009*
Heater for brick drying	*No*	*Natural gas*	*6 MMBtu/hr*	*Sigma Thermal*	*2010*
Engine for Generator	No	Diesel	100 hp	John Deere	2005

[1] Engines qualifying as "emergency" must meet the requirements of Condition L-6 in ACT 3 of the General Permit.

COMPLIANCE PLAN

As required by ACT 3, Condition L-7(3) of the General Permit, complete this section if you will have one or more **non-emergency** stationary internal combustion engines at your site.

Equipment Description *(should match description from table above)*	Applicable federal standard[1]		Emission Standards[2] (List all that apply)	Monitoring Requirements[2] (List any testing, continuous monitoring and recordkeeping required)
	40 CFR 60, Subpart IIII	40 CFR 63, Subpart ZZZZ		
Example: Engine for Generac generator	☐	☒	*CO ≤ 49 ppmvd @15 % O_2*	*Conduct CO performance test every 8,760 hrs or 3 yrs whichever comes first; maintain oxidation catalyst so pressure does not change by more than 2" water and catalyst inlet temp. is between 450 – 1,350 °F*
	☐	☒	NA	Comply with 40 CFR 60, Subpart IIII. Install nonresettable hour meter. Use low sulfur diesel fuel. Comply with emission standards over life of engine. Maintain unit to manufacturers requirements.
	☐	☐		
	☐	☐		

[1] Only mark one. If subject to 40 CFR 60, Subpart IIII, then you have no requirements under 40 CFR 63, Subpart ZZZZ per 40 CFR 63.6590(c)(1).

[2] EPA has developed a summary table of requirements for these rules at https://www.epa.gov/stationary-engines/guidance-and-tools-implementing-stationary-engine-requirements. For purposes of evaluating these requirements, your engine is considered a Non-Emergency Compression Ignition (CI) Internal Combustion Engine (ICE) located at an Area Source.

Submit signed form online at www.mdeq.ms.gov/rmcgp or a hard copy to Water II Branch Manager, EPD, MDEQ, PO Box 2261, Jackson, MS 39225

AI : 83307

Rec'd via email: 05/03/2023

Last Revised: 12/10/2020

READY-MIX CONCRETE NOTICE OF INTENT

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COVERAGE NO.: MSG11 0349
(Coverage number will be completed by MDEQ staff.)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Company Name: MMC Materials, Inc. **Facility Name:** MMC Materials Inc, Dundee Wind Farm

Contact Name and Position: Kyle Beckman - Safety & Environmental Manager

Contact Area Code and Phone Number: (601) 898 - 4000 **Contact Email:** kbeckman@mmcmaterials.com

Primary SIC Code: (3273) **Primary NAICS Code (6-digit):** (327320)

Physical Site Address - Street: Taylor Rd

City: Dundee **State:** MS **Zip:** 38676 **County:** Tunica

Mailing Address - Street: P.O. Box 2569

City: Madison **State:** MS **Zip:** 39130

Plant Maximum Production Rate: 300 **cubic yards/hr**
Maximum production rate must be based on the manufacturer's maximum rated plant capacity on an hourly basis.

Will you own or operate a rock crusher at the site? ○ Yes ◉ No
If a third party will own/operate a rock crusher at your site, mark "No."

Rock Crusher Type / Rated Cumulative Capacity: Fixed: _____ tons/hr Portable: _____ tons/hr ✓ N/A

Will you operate stationary fuel burning equipment (e.g., engines, heaters, etc.) at the site? ◉ Yes* ○ No
**If you marked "Yes" complete and submit the attached Fuel Burning Equipment Form & Compliance Plan.*

Will wastewater from the process be discharged directly from the site? ◉ Yes ○ No

Describe any wastewater treatment or indicate "None": Earthen Pits
Plans and specifications for treatment must be attached.

Proposed discharge frequency: Rainfall Dependant **Proposed discharge volume:** Varies gal/day

Provide the Latitude and Longitude of each wastewater outfall:
If no discharge, provide the coordinates of the plant entrance. Attach additional pages, if necessary.

Latitude: 34 **deg** 28 **min** 50.96 **sec** **Longitude:** 90 **deg** 23 **min** 54.19 **sec**

Nearest named receiving stream: Ark Bayou

Is a SWPPP attached that meets the requirements of ACT5 of the RMCGP? ◉ Yes ○ No

Is the SWPPP based on an Industry Generic SWPPP? ○ Yes* ◉ No *(*Must be most recent version.)*

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 fines and imprisonment for knowing violations. I further certify that the project continues as described in the original notice of intent. Also, I certify that I understand when coverage is terminated I am no longer authorized to emit regulated air emissions and discharge wastewater or storm water associated with industrial activity under this general permit. I understand that discharging pollutants associated with industrial activity to waters of the state without NPDES coverage is in violation of state law.

_____ 2-8-23

Authorized Signature (shall be signed according to ACT6, T-9 of the GP) **Date Signed**

Judd Beech President

Printed Name **Title**

Submit signed form online at www.mdeq.ms.gov/rmcgp or a hard copy to Water II Branch Manager, EPD, MDEQ, PO Box 2261, Jackson, MS 39225

O.C

Tunica County MS Parcel Map

2/3/2023, 8:56:09 AM

Parcels Roads

ROAD_LN

tunica_ms_ac
tunica_ms_dim
tunica_ms_parcelno

Anno

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Tax Year: 2022
County Name: TUNICA
Name: FREW JIMMY RAY ETAL
Physical Address: **Mailing Address:** 2772 SYLVAN PLACE
City: **City:** GREENVILLE
State: MS **State:** MS
Zip: 38701

Parcel Number:	Receipt #:	Land Owner Name:
7113 07000 0000401	2022-1920-0	FREW JIMMY RAY ETAL

Legal Description: Sec-Twn_Rng: 7-7-11 Acres: 190.00 Forestry Acres: .88

SE1/4 NE1/4 NW1/4 & E1/2 SE1/4 NW1/4 & E1/2 SW1/4 & W1/2 SE1/ & W1/2 SE1/4 DB O5-606

Deed Book: G8 Deed Page: 52 Deed Date: 07-27-2021

District:		Land Value:	Building Value:	Total Value:	Millage Rate:	Gross Tax:
1000	True:	163,363	0	163,363		
TUNICA COUNTY	Assessed:	24,505	0	24,505	.12184	2,985.69
				Homestead Credit Amount:		.00

Tax Entities:	Mills:	Tax:
COUNTY TAX:	.06234	1,527.64
COUNTY SCHOOL TAX:	.05950	1,458.05
TOTAL:	.12184	2,985.69

Drainage/Special Taxes:	Tax Amount:
Interest:	.00
Publ. Cost:	.00
Gross Tax Amount:	2,985.69
LESS Credit:	.00
PLUS Spl. Tax:	.00
Forestry Tax:	.08
NET TAX AMOUNT:	2,985.77
Penalties/Int.:	.00

Amount Due based on date of: 2/3/2023

Total Amount: 2,985.77

Payment Date:	Taxes:	Special:	Interest:	Fees:	Total:	Paid By:
01/27/2023	2,985.69	.00	.00	.08	2,985.77	FREW JIMMY RAY ETAL

Total Amount Collected: 2,985.77

TAXES PAID IN FULL

***Taxes due will be considered delinquent on 2/1/2023**

Tax Year: 2022
County Name: TUNICA
Name: MYERS ABBOTT R ETUX SHERYL
Physical Address:
City:
State: MS
Mailing Address: P O BOX 127
City: DUNDEE
State: MS
Zip: 38626

Parcel Number:	Receipt #:	Land Owner Name:
7114 18000 0000200	2022-3649-0	MYERS ABBOTT R ETUX SHERYL

Legal Description: Sec-Twn_Rng: 18-7-11 Acres: 84.30 Forestry Acres: 6.68

PT N1/2 N OF RD DB Q5-138

Deed Book: E7 Deed Page: 150 Deed Date: 10-26-2011

District:		Land Value:	Building Value:	Total Value:	Millage Rate:	Gross Tax:
1000	True:	68,142	0	68,142		
TUNICA COUNTY	Assessed:	10,221	0	10,221	.12184	1,245.33
				Homestead Credit Amount:		.00

Tax Entities:	Mills:	Tax:
COUNTY TAX:	.06234	637.18
COUNTY SCHOOL TAX:	.05950	608.15
TOTAL:	.12184	1,245.33

Drainage/Special Taxes:	Tax Amount:
Interest:	.00
Publ. Cost:	.00
Gross Tax Amount:	1,245.33
LESS Credit:	.00
PLUS Spl. Tax:	.00
Forestry Tax:	.60
NET TAX AMOUNT:	1,245.93
Penalties/Int.:	.00

Amount Due based on date of: 2/3/2023

Total Amount: 1,245.93

Payment Date:	Taxes:	Special:	Interest:	Fees:	Total:	Paid By:
01/26/2023	1,245.33	.00	.00	.60	1,245.93	MYERS ABBOTT R ETUX SHERYL

Total Amount Collected: 1,245.93

TAXES PAID IN FULL

***Taxes due will be considered delinquent on 2/1/2023**

7020 0090 0002 0612 8139

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Greenville MS 38701

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Certified Mail Fee $4.15	0942
$ $3.35	03
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy) $ $0.00	Postmark Here
☐ Return Receipt (electronic) $ $0.00	
☐ Certified Mail Restricted Delivery $ $0.00	MMC Dundee
☐ Adult Signature Required $ $0.00	
☐ Adult Signature Restricted Delivery $	
Postage $0.63	02/09/2023
$	
Total Postage and Fees $8.13	
$	
Sent To	Frew Jimmy Ray Etal
Street and Apt. No., or PO Box No.	2772 Sylvan Place
City, State, ZIP+4®	Greenville, MS 38701

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0090 0002 0612 8146

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Dundee MS 38626

OFFICIAL USE

Certified Mail Fee $4.15	0942
$ $3.35	03
Extra Services & Fees *(check box, add fee as appropriate)*	
☐ Return Receipt (hardcopy) $ $0.00	Postmark Here
☐ Return Receipt (electronic) $ $0.00	
☐ Certified Mail Restricted Delivery $ $0.00	MMC Dundee
☐ Adult Signature Required $ $0.00	
☐ Adult Signature Restricted Delivery $	
Postage $0.63	02/09/2023
$	
Total Postage and Fees $8.13	
$	
Sent To	Myers Abbott R Etux Sheryl
Street and Apt. No., or PO Box N	P.O. Box 127
City, State, ZIP+4®	Dundee, MS 38626

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Contiguous Landowner Notification of a Ready-Mix Concrete Facility

(See ACT 2, Condition S-2 of General Permit for Notification Requirements)

Certified Mail No.: 70200090000206128139 Date mailed: Feb 9, 2023

Company Name: MMC Materials, Inc.
(as registered with the MS Secretary of State)

Coverage No.: MSG11 __ __ __ __
(if currently permitted facility)

located at Taylor Road *Physical Street Address*, Dundee *City*, Tunica *County* County, MS

is proposing to:

✓ construct and operate a new ready-mix concrete facility.

____ construct or modify air emission source(s) and is currently a synthetic minor facility or will become a synthetic minor facility afterwards.

____ add additional process wastewater outfalls.

This letter is to provide you notification of the proposed project and to provide you an opportunity to comment regarding environmental concerns about the project. The Mississippi Department of Environmental Quality (MDEQ) only has legal authority to consider environmental issues specified in the applicable laws and regulations. MDEQ does not have legal authority to consider matters outside of its jurisdiction; thus, comments regarding zoning, impacts, or other non-environmental related comments should be directed to the local zoning and planning authorities.

If you do not have environmental comments regarding the proposed project, then no response is necessary, and the permitting process will continue. If you have environmental-related comments regarding the proposed project, please notify MDEQ in writing within thirty (30) days from the postmarked date of this notification or by the end of the MDEQ 10-day online notification period, whichever is later. The online notification of the project can be found at the following link: https://www.mdeq.ms.gov/ensearch/general-permit-notice-of-intents. When making written comments, please reference the Company Name and location using the information above and provide your contact phone number and address. If you would like to discuss concerns that you have regarding this project, please feel free to contact MDEQ at (601) 961-5171. Comments are to be mailed to the following address:

Chief, Environmental Permits Division
Mississippi Department of Environmental Quality
PO Box 2261
Jackson, MS 39225-2261

Contiguous Landowner Notification of a Ready-Mix Concrete Facility

(See ACT 2, Condition S-2 of General Permit for Notification Requirements)

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Chief, Environmental Permits Division
Mississippi Department of Environmental Quality
PO Box 2261
Jackson, MS 39225-2261

Michael Watson
SECRETARY OF STATE

This is not an official certificate of good standing.

Name History

Name	Name Type
MMC MATERIALS, INC.	Legal
Hard Rock Sand & Gravel	Fictitious Name

Business Information

Business Type:	Profit Corporation
Business ID:	666424
Status:	Good Standing
Effective Date:	03/07/1927
State of Incorporation:	Mississippi
Principal Office Address:	133 NEW RAGSDALE ROAD MADISON, MS 39110

Registered Agent

Name

JOHN H YOUNG III
133 New Ragsdale Road
Madison, MS 39110

Officers & Directors

Name	Title
Jonathan Shane Huff 133 NEW RAGSDALE RD MADISON, MS 39110	Secretary, Treasurer, Vice President, Chief Financial Officer
Glenn Craft 1117 South Raceway Road Greenville, MS 38703	Vice President
Scott Craft 1955 Nail Road Horn Lake, MS 38637	Vice President
James McBride 217 Industrial Park Starkville, MS 39759	Vice President
Edward Middleton 1920 BYRON ST	Vice President

HATTIESBURG, MS 39402

John H Young III 133 New Ragsdale Road Madison, MS 39110	Vice President
Rodney Grogan 133 NEW RAGSDALE RD MADISON, MS 39110	Director
William French 3900 Airport Highway Birmingham, AL 35222	Director
Christopher Hoyt 3900 Airport Highway Birmingham, AL 35222	Director

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

Dundee Wind Farm

Dundee, Mississippi

Original Plan: February 2023

Prepared for:

MMC Materials, Inc.

Taylor Road
Dundee, Mississippi 38676

Prepared by:

FC&E Engineering, LLC
917 Marquette Road
Brandon, MS 39042
(601) 824-1860

FC&E Engineering, LLC
Water ▪ Soils ▪ Air ▪ Compliance

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LIST OF FIGURES

LIST OF WORKSHEETS

LIST OF APPENDICES

ABOUT THIS PLAN

This Storm Water Pollution Prevention Plan (SWPPP) was prepared for use by MMC Materials Inc.'s Dundee Wind Farm, comply with the Ready-Mix Concrete General Permit (MSG11) issued in December 2020 by the Mississippi Department of Environmental Quality (MDEQ). The permit requires you to prepare a site wide comprehensive SWPPP for the subject facility. This Plan should be adequate for the facility and meet the SWPPP requirements of the State of Mississippi Ready-Mix Concrete General Permit.

The intent of the Plan is to minimize storm water pollution from your facility, MMC Materials Inc.'s Dundee Wind Farm. The Plan specifies the procedures your staff will follow and the engineering controls your facility will implement to prevent or minimize storm water from coming in contact with potential pollutants, or to contain storm water that does come in contact with potential pollutants. Your permit requires that you implement and comply with this Plan. Items that need your immediate attention include:

1. A Responsible Official must complete and sign Worksheet 5 (NON-STORM WATER DISCHARGE EVALUATION AND CERTIFICATION).

2. You will be covered under the State Ready-Mix Concrete General Permit to be issued by MDEQ. Upon issuance, you should include a copy of the permit in Appendix A. This SWPPP has been written in consideration of the requirements of the general permit.

3. Section 6.2 of this Plan describes the Comprehensive Site Compliance Evaluation that must be conducted yearly by the Division President (or someone designated by the Division President). This section also describes the brief report that must be prepared yearly. Completed evaluations should be stored in Appendix B and a copy of the MDEQ annual inspection form (Worksheet 7) must be submitted to MDEQ before January 28th of each year.

4. As required by ACT 5 T-4 item 3 of MSG11, if notified at any time by the Executive Director of the MDEQ that the SWPPP does not meet the minimum requirements, amend the SWPPP and certify in writing to the Executive Director that the requested changes have been made. Unless otherwise provided, the coverage recipient shall have 30 days to make the requested changes.

5. As required by ACT 5 T-4 item 4 of MSG11, you must amend the SWPPP whenever there is a change in design, construction, operation, or maintenance, which may increase the discharge of pollutants to waters of the State or the SWPPP proves to be ineffective in controlling storm water pollutants. The coverage recipient shall submit it to the MDEQ within 30 days of amendment.

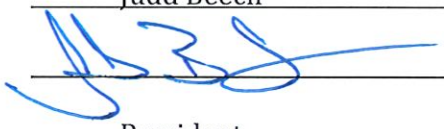
6. Each time the Plan is amended or updated, the date of the latest revision should be included on the cover page. Revisions to the SWPPP should be submitted in accordance with Paragraphs 4 and 5 to the MDEQ at the following address:

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

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 fines and imprisonment for knowing violations.

Name: Judd Beech

Signature: 

Title: President

Certification Date: 2-8-23

POLLUTION PREVENTION TEAM

Name: *Division President (See Appendix C for current name)*
Phone: *See Appendix C*
Responsibilities: *Division President* is responsible for storm water pollution prevention activities at the facility. His role as leader of the Pollution Prevention Team includes the following responsibilities.

(a) Performing monthly and annual inspections of the facility

(c) Ensuring that storm water pollution prevention is included in employee training classes

(d) Assisting / supervising spill and leak cleanup

(e) Supervising facility and procedural changes identified to minimize pollutant exposure to storm water

(f) He is responsible for supporting the storm water management team by providing adequate resources to complete the activities and programs identified in the SWPPP

Name: *Safety / Environmental Manager (See Appendix C for current name)*
Phone: *See Appendix C*
Responsibilities: *Safety / Environmental Manager* is considered the Site Manager in the event that **Construction Activities** involving 1 or more acres is performed. See section 5.5.

Name: *Safety / Environmental Manager (See Appendix C for current name)*
Phone: *See Appendix C*
Responsibilities: *Safety / Environmental Manager* is considered the Spill Control Coordinator for **Spill Response, Notifications, and Training**. See section 5.3.

Name: *Operations Manager (See Appendix C for current name(s))*
Phone: *See Appendix C*
Responsibilities: *Operations Manager* assumes the responsibilities as outlined above, in the event that the *Division President* is unavailable.

Title: *President*
Phone: *See Appendix C*
Responsibilities: *President* is the responsible official for the facility. He is responsible for communicating with regulatory agencies as needed and updating the CSWPPP as required. He is also required to sign legal certifications as identified in the SWPPP.

1.0 SITE DESCRIPTION/MAP

The property occupied by MMC Materials Inc.'s Dundee Wind Farm consist of approximately 5 acres and is located in Dundee Mississippi, in Tunica County. MMC plans to temporarily operate a batched ready-mix concrete facility to support construction activities for the Delta Wind Mill Project. The ready-mix site will be covered under the Large Construction Project Permit Number MSR108820. The primary Standard Industrial Classification (SIC) Code is 3273. Maps showing the site location on a topographic map and a site layout drawing are included in **Figures 1 and 2.** The physical address for Dundee Wind Farm is:

Taylor Road
Dundee, MS 38676

All correspondence concerning facility operations should be sent to MMCs corporate office at:

P.O. Box 2569
Madison, MS 39130

1.1 Facility Drainage

The topography of the site dictates that the storm water flow pathway is directed to the east. A shallow swale directs storm water falling on the plant, admixture storage area, batch house, truck wash-off, washout pits, and portions of the aggregate bins to the west to Outfall 001. Discharge from Process Water 001 flows via an unnamed tributary of Hurricane Creek. Storm water contacting the remaining portions of the aggregate bins and parking area flows sheets flows offsite in roadside ditches that drain into Ark Bayou.

If process water used for dust abatement, it should be applied at a rate so it does not run-off. **Figures 1 and 2** denote the onsite drainage patterns and the location of the outfalls.

1.2 Storage Capacity

Information on the quantity and type of material being released is crucial for quick and effective response action to be provided. Based on the current company plans for site use, this facility has several potential sources of storm water contamination that, if mismanaged, could cause storm water contamination. These items include; diesel tanks, oil tanks, variety of admixtures, and

sediment runoff (sand, gravel, crushed concrete, and surface material). Thus, a description of the storage capacity of various potential onsite substances is provided in **Worksheet 1, "Chemical Storage Tanks and Reportable Quantity (RQ)".** The list may be used as a reference to determine reportable quantities in the event of a spill.

1.3 Potential Releases and Prevention Controls

1.3.1 Hazardous Substances

The Ready Mix Concrete plant may use concrete admixtures in the production of certain types of concrete to enhance the mix. See **Worksheet 1** for a list of potential section 313 chemicals or other potentially harmful chemicals. Releases of these listed chemicals must be monitored to prevent migration into storm water and causing environmental damage. **Worksheet 2, "Materials Exposed to Storm Water"** provides a narrative description of materials exposed to storm water. The locations of these potential pollutant sources are shown on **Figure 2, "Site Layout**".

Potential for solid and hazardous waste generation onsite exists; however, with proper management of the facility, the potential is greatly minimized. A solid waste management company periodically removes dumpsters of trash.

If concrete materials are released directly into the adjacent ditch, environmental damage and possibly a fish kill could result in the receiving stream. Therefore, it is very important that materials management practices are monitored each day.

Worksheet 2, "Materials Exposed to Storm Water", illustrates significant materials exposed to storm water. The locations of these potential pollutant sources have been identified on the site layout shown as **Figure 2, "Site Layout".**

1.3.2 Petroleum Products

Diesel fuel may be stored onsite in above ground storage tanks for fueling onsite equipment. One 5,000 gallon double walled diesel tank is located onsite. The location of all storage tanks at the concrete plant site are shown on **Figure 2, "Site Layout".**

Extreme care must be taken in the transfer of fuel to the diesel tank from a tank truck. The truck should be parked as close to the tank as possible when unloading fuel to minimize the length of hose exposed. Unloading should follow NFPA, API, or other standard procedures to minimize the possibility of fire or explosion. The removal of any spilled fuel from the site will be carried out under the supervision of the Spill Control Coordinator.

1.3.3 Transformer Oil

In the event of a transformer rupture the local power company will be notified and measures will be taken to prevent migration of any spilled transformer oil.

1.3.4 General Oil & Chemical Handling

Periodic inspections by facility personnel will help ensure that petroleum products are stored properly and that any leaks discovered are cleaned up promptly. Additional measures utilized by facility personnel are: 1) proper storage and disposal of oil or spill residue, and, 2) proper labeling of drums containing used oil cleanup materials and ensuring that stored drums are covered or kept inside buildings.

2.0 INVENTORY OF EXPOSED MATERIALS

Worksheet 2 provides a narrative description of materials exposed to storm water directly related to the outfalls identified on **Figures 1 and 2**. The locations of these potential pollutant sources, approximate drainage patterns, and the materials exposed to storm water have been identified on the site layout drawing, **Figure 2 "Site Layout".**

3.0 SIGNIFICANT SPILLS AND LEAKS

Spills and leaks in quantities of one gallon or greater of chemical or petroleum substances with reportable quantities that occur at the facility during a calendar month shall be documented using **Worksheet 4** and handled in accordance with Section 5.3 of this plan. Additionally if no significant spills or leaks have occurred during a calendar month, a monthly notation shall be made indicating that no significant spills or leaks have occurred in **Worksheet 4**.

4.0 NON-STORM WATER DISCHARGES

Provided they do not cause or contribute to a violation of water quality standards, the following are considered allowable non-storm water discharges:

- Discharges from actual fire-fighting activities;
- Fire hydrant flushings;
- Waters used to wash vehicles where detergents are not used (does not include mixer truck wash-off);
- Water used to control dust;
- Potable water sources including line flushings;
- Routine external building wash down that does not use detergents;
- Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used;
- Uncontaminated air conditioning or compressor condensate;
- Uncontaminated ground water or spring water; and
- Foundation or footing drains where flows are not contaminated with process materials such as solvents.

The above non-storm water discharges should be eliminated or reduced to the extent feasible and controlled with an appropriate BMP.

No unpermitted non-storm water discharges were identified at this facility. Captured water in the pit will be recycled and used for dust control and will also be used for truck wash water, as appropriate.

As part of the plan, certification must be included that all storm water outfalls have been tested or evaluated for the presence of non-allowable, non-storm water discharges. The certification shall include:

- Dates;
- Observation points; and
- Results

To check for non-storm water discharges, one of several dry weather tests may be used, including:

1) Visual inspection
2) Plant schematic review
3) Dye testing

Visual inspections are to be made by facility personnel at three different times in dry weather. This includes walking around the property looking for flow that cannot be attributed to retained storm water, and tracing flow, if any, to its source. **Worksheet 5**, "Non-Storm Water Discharge Evaluation and Certification" is provided for facility personnel to effectively document inspection results and should be completed at least every five years.

A review of the plant schematic drawings or sewer map may reveal other sources of storm water pollution where, in the past, cross connections have been made between process or non-process wastewater and storm drains. If so, the cross connections must be disconnected or either an NPDES wastewater permit application must be prepared and submitted to the MDEQ for approval of the discharge.

Another form of testing is to inject dye into the process or sanitary wastewater system, and then check the storm water discharge points for discoloration.

5.0 BEST MANAGEMENT PRACTICES

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

The following subsections describe BMPs that may be included in the facility's SWPPP. These BMPs follow the guidelines described in the MCIA Guidance Document for MSG11. Site Specific BMPs are included in this section and in **Worksheet 3**.

5.1 Good Housekeeping Measures and Controls

Good housekeeping practices are designed to maintain a clean and orderly work environment. At this facility, the following types of good housekeeping measures are implemented in an effort to prevent pollutants from entering storm water discharges.

Operation and Maintenance

- Floors and ground surfaces are kept clean by using brooms, rakes, and shovels.
- Waste receptacles are provided at convenient locations. Garbage and waste materials are regularly picked up and properly disposed. Waste receptacles located outside must be covered.
- All spillage is promptly removed. Where it is impractical to constantly remove spillage, spillage is contained in the immediate area temporarily until further removal can take place.
- Equipment is routinely inspected to make sure it is in working order and no leaks are occurring.
- The importance of spill cleanup procedures is communicated to employees.

Material Storage Practices

- Adequate aisle space is provided to facilitate material transfer and easy access for inspections.
- The diesel tank and any other materials that may be brought onsite will be stored away from direct traffic routes to prevent accidental spills.
- As appropriate, containers are stored on pallets to prevent corrosion.

Material Inventory Procedures

- Records of products onsite are maintained at the onsite office. MSDS are maintained onsite in the office.

Employee Participation

- Information on best management practices is discussed during employee training sessions.
- Good housekeeping measures are discussed at employee meetings.

5.2 Preventative Maintenance and Inspection

The facility's preventive maintenance and inspection program includes:

- Timely inspections and maintenance of storm water management devices.
- Proper maintenance of facility equipment and systems.

5.3 Spill Prevention and Response Procedures

In the event of a spill of petroleum products or chemical substances, employees are instructed to make every effort to contain the release, notify the Division President, and prevent any release from migrating and leaving the site. It will be the Division President's responsibility to determine if the spill needs to be reported to the regulatory authorities.

EMERGENCY TELEPHONE NUMBERS AND ADDRESSES:

Call FIRST: MS Emergency Management Agency
#1 MEMA Drive
Pearl, Mississippi 39208
Telephone: 1-800-222-6362 (601-933-6362)

Then Call: National Response Center U.S. Coast Guard
400 Seventh Street S.W. Washington, D.C. 20590
Telephone: 1 (800) 424-8802

POTENTIAL CLEAN-UP CONTRACTOR

Enhanced Environmental & Emergency Services, Inc.
Jackson MS and Memphis TN
(844) 333-0939 (24 hour Call Number)

5.3.1 Likely Releases and In-place Preventative Controls

Spills and releases are most likely to result from potential equipment failure or operator error. This section summarizes potential causes of releases and associated in-place preventative controls.

1. Operator error during loading/unloading or refueling operations. Potential errors include overfilling, not disconnecting lines prior to vehicle departure, drain valves left open, or fill valves left open allowing precipitation to enter causing tank overflow. Specific procedures have been developed to minimize this potential including periodic inspections,

locking valves when not in use, and on-the-job training in correct loading and unloading procedures.

2. Piping, pressure fittings, tank ruptures, or other forms of equipment failure. The rate and quantity of a release would depend on the location of the rupture. The release rate could be assumed to be the total volume of the tank associated with the piping or fittings being released in a 15-minute timeframe. The release to the environment would be at that release rate but the quantity would be the total volume minus the secondary containment volume. To minimize the potential for a significant release, regular inspections and maintenance are performed with noted problems addressed in a timely manner by repair, replacement, or equipment taken out of service.

3. Puncture of tank or associated piping by heavy equipment. Operators of equipment and vehicles are well trained in operating large equipment on the facility. Rate and quantity to be released would be the same as that discussed in item 2. Additionally tanks and piping are highly visible by size, signage, flagging, or protective paint color. In the event of night traffic, sufficient lighting is provided to make tanks and piping visible.

4. Small drips, leaks and spills from lines or valves. Release rates would be negligible and are not likely to produce significant quantities or environmental impacts. To minimize release, equipment is inspected regularly, repaired in a timely manner when a problem is discovered, and corrective action implemented with released material promptly cleaned up. In general, this type of release presents a very low risk of potential impact.

5.4 Employee Training

New employees receive initial training in storm water pollution prevention before they begin their work assignments. Thereafter, training is provided and storm water pollution prevention discussed as needed at the periodic safety meetings that employees attend as part of their refresher training provided annually. The employee's name, date of training, contents of training, and the employee's signature acknowledging that training was received must be documented on **Worksheet 9** (or comparable form) of this plan and stored in an accessible location.

Topics discussed and names of attendees are stored with personnel files and onsite with the SWPPP documentation.

The training program shall at a minimum address, but not be limited to, the following elements:

- Permit conditions and limitations for each applicable activity (i.e., air emissions, process wastewater, industrial storm water, construction storm water);
- Operation, maintenance and inspection of air emission control equipment and process wastewater treatment facility;
- Procedures for responding to upset conditions of air emission control equipment and process wastewater treatment facility;
- SWPPP goals and plan components related to industrial storm water and/or construction storm water, including:
  - Housekeeping and pollution prevention requirements
  - Spill prevention and response procedures
  - Identification and elimination of non-allowable, non-storm water discharges
  - Installation, maintenance and inspection of erosion and sediment controls for construction activities
  - Installation, maintenance and inspection of Best Management Practices (BMPs) for industrial storm water and/or post-construction storm water;
- Procedures for monitoring compliance with non-numeric and numeric limitations prescribed in the permit;
- Recordkeeping, reporting and record retention requirements (includes understanding the records filing system and being able to produce the required permit documentation during an MDEQ on-site inspection);
- Release reporting and non-compliance notification requirements.

5.5 Sediment and Erosion Control (if construction activity will disturb one (1) or more acres, then see Section 6.5.1)

If ground areas less than one acre are disturbed the following procedures will be implemented:

- Vegetate or re-vegetate disturbed soil as soon as possible after disturbance with common vegetative covers such as grass, trees, shrubs, bark, mulch, or straw.

- Implement structural control practices along the site perimeter that eventually drain to the identified outfalls:

    - Filter (silt) fences
    - Straw bale barriers
    - Brush barriers
    - Sediment traps

5.5.1 Construction Activities requiring a BMP plan

If construction involving the disturbance of one (1) or more acres will occur, a Best Management Practices (BMP) Plan or a modified CSWPPP must be written in accordance with MDEQs Small Construction (1 to 5 acres) or Large Construction (>5 acres) Stormwater Permit. If 5 acres or more of ground disturbance is expected, the CSWPPP, site map, and forms developed, must be submitted to MDEQ for approval prior to beginning construction, and implemented during construction until the construction area has reached final stabilization.

5.6 Management of Storm Water Runoff

Storm water runoff at this facility is managed by several practices including:

<u>Baseline BMPs</u>

- Channels and ditches (throughout the facility to direct and control flow)
- Routine inspection of all the plant, storage piles, and petroleum storage tank.
- Inspection of runoff from the site. Runoff is primarily sheet flow leading to shallow ditches.

Worksheet 3 provides a summary of existing and proposed BMPs as well as a schedule for improvements for the facility.

5.7 Site Specific BMPs

We offer the following site-specific recommendations:

1) Recycle left over concrete via crushing into a reusable road base material.
2) Inspect runoff from the facility.

3) Consider the use of stabilizer (Delvo or other) to minimize washouts of trucks.
4) Train employees to minimize the amount of water used.
5) Minimize or berm the surface area of aggregate piles.
6) Provide secondary containment for admixtures as appropriate.
7) Provide secondary containment for petroleum products.
8) Never leave pump unattended when fueling.
9) Maintain spill control materials near storage tanks.
10) Reuse or recycle drum washout solids.
11) Sprinkle roads for dust suppression.
12) Minimize engine idling time.
13) Grade the yard appropriately.
14) Practice good housekeeping and promptly remove waste material from site.
15) Design traffic flow around the plant and operations sitting relative to drainage patterns and wastewater collection locations.

Note: BMPs listed above should be included in **Worksheet 3** "Existing and Proposed BMPs" and updated as necessary to provide effective management of surface sediment from water discharges or air emissions from operations. If BMPs are not effective, additional BMPs should be evaluated, selected and implemented until such time that surface sediments are controlled.

6.0 COMPREHENSIVE SITE COMPLIANCE EVALUATION

See Sections 6.1 and 6.2 for a schedule of inspections and submittal requirements.

6.1 Monthly Site Inspections

The Division President or his/her designee shall perform visual site inspections of all areas of the facility where industrial materials or activities are exposed to storm water on a monthly basis. If feasible, the inspections should be conducted during or after storm events. As part of the inspection, storm water discharging from each storm water and process water outfall should be collected in a clean, clear jar and examined in a well lit area. Should any of the objectionable characteristics such as color, lack of clarity, floating solids, settled solids, suspended solids, foam, odor and oil sheens be observed, coverage recipient shall investigate upstream from the sample location to identify the potential sources of pollution and implement corrective action. **Worksheet 6** is provided to assist inspectors and should be completed during each monthly inspection and filed onsite for a minimum of three years. The results of all inspections and associated corrective actions must be documented on the Annual Comprehensive Site Inspection and SWPPP Evaluation Report Form as instructed in Section 6.2 below.

Monthly inspection of air sources shall be performed monthly during silo loading activities to check for visible emissions. **Worksheet 8** is provided to assist inspectors and should be completed monthly.

6.2 Annual Comprehensive Site Inspection and SWPPP Evaluation

Qualified personnel will conduct a comprehensive site inspection to:

1. Confirm the accuracy of the description of potential pollutant sources contained in the SWPPP.
2. Determine the effectiveness of the Plan.
3. Assess compliance with the terms and conditions of the storm water component of the multi-media general permit.

The comprehensive site compliance evaluation is conducted once a year by the Division President or his/her designee. During the evaluation, material handling and storage areas and other potential sources of pollution will be visually inspected for evidence of actual or potential pollutant discharges to the drainage system. Erosion controls and structural storm water management devices also will be inspected to ensure that each is operating correctly. **Worksheet 7** is provided to assist in the annual inspection.

The results of each inspection will be documented in a report signed by a company officer or duly authorized representative. The report will describe:

- Scope of the inspection
- Personnel making the inspection
- Date(s) of the inspection
- Major observations relating to the implementation of the SWPPP

Based on the results of each inspection, the description of potential pollutant sources and measures and controls will be revised (if appropriate) within 30 days after the date of the inspection. Changes in the measures or controls will be implemented timely in accordance with Condition T-4, Items 3 and 4 on page 20 of 35 of the Ready Mix Concrete General Permit MSG11 found in **Appendix A**. In addition, if the inspection report lists changes at the facility that have a significant effect on the potential for the discharge of pollutants to surface waters, the SWPPP will be amended.

7.0 RECORDKEEPING AND REPORTING

A recordkeeping system has been set up at the facility for documenting spills, leaks, and other discharges, including discharges of hazardous substances in reportable quantities. The records contain the following information:

- Date and time of the incident
- Duration of the spill/leak/discharge
- Cause of the spill/leak/discharge
- Response procedures implemented
- Persons notified
- Environmental problems associated with the spill/leak/discharge

A separate recordkeeping system has been established to document inspection and maintenance activities. Records of spills and leaks are recorded using **Worksheet 4** and stored in **Appendix B.** Records of other discharges exposed to storm water, inspections, and maintenance activities are retained in the SWPPP for at least 3 years from the date of the record.

8.0 SPECIAL REQUIREMENTS

8.1 Section 313 Special Requirements

Please refer to Worksheet 1 for a list of any Section 313 chemicals that are onsite. Any Section 313 chemicals onsite will be stored inside secondary containment structures and inspected as part of the monthly site inspections. Stored Section 313 chemicals will be stored to prevent offsite migration.

8.2 Salt Piles

This facility does not have a salt pile.

8.3 Discharges to Large or Medium Municipal Separate Storm Water Systems

No storm water runoff is discharged to a MS4.

8.4 Coal Piles

This facility does not have a coal pile.

9.0 MONITORING AND SAMPLING REQUIREMENTS

No monitoring or sampling of storm water is required for this facility other than the visual jar test inspection referred to in Section 6.1. Monitoring requirements will be re-evaluated if a release of section 313 chemical occurs, or if the material storage locations or facility drainage patterns are substantially altered.

However, sampling of process water discharges is required on a quarterly basis in addition to the monthly visual jar test inspection. In the event that the facility has a discharge of process-related wastewater, then a sample must be collected during each calendar quarter in which a discharge of process water occurs. The sample will be collected and sent to a laboratory for analysis of pH,

Total Suspended Solids, and Oil/Grease. The results of the laboratory analysis must be reported to the MDEQ using the electronic discharge monitoring report (eDMR) system by the 28th day of the month following each calendar quarter. In the event that no discharge occurs during a calendar quarter, then the facility may simply report "No Discharge" on the eDMR and submit to the MDEQ by the 28th day of the month following that quarter of no discharge.

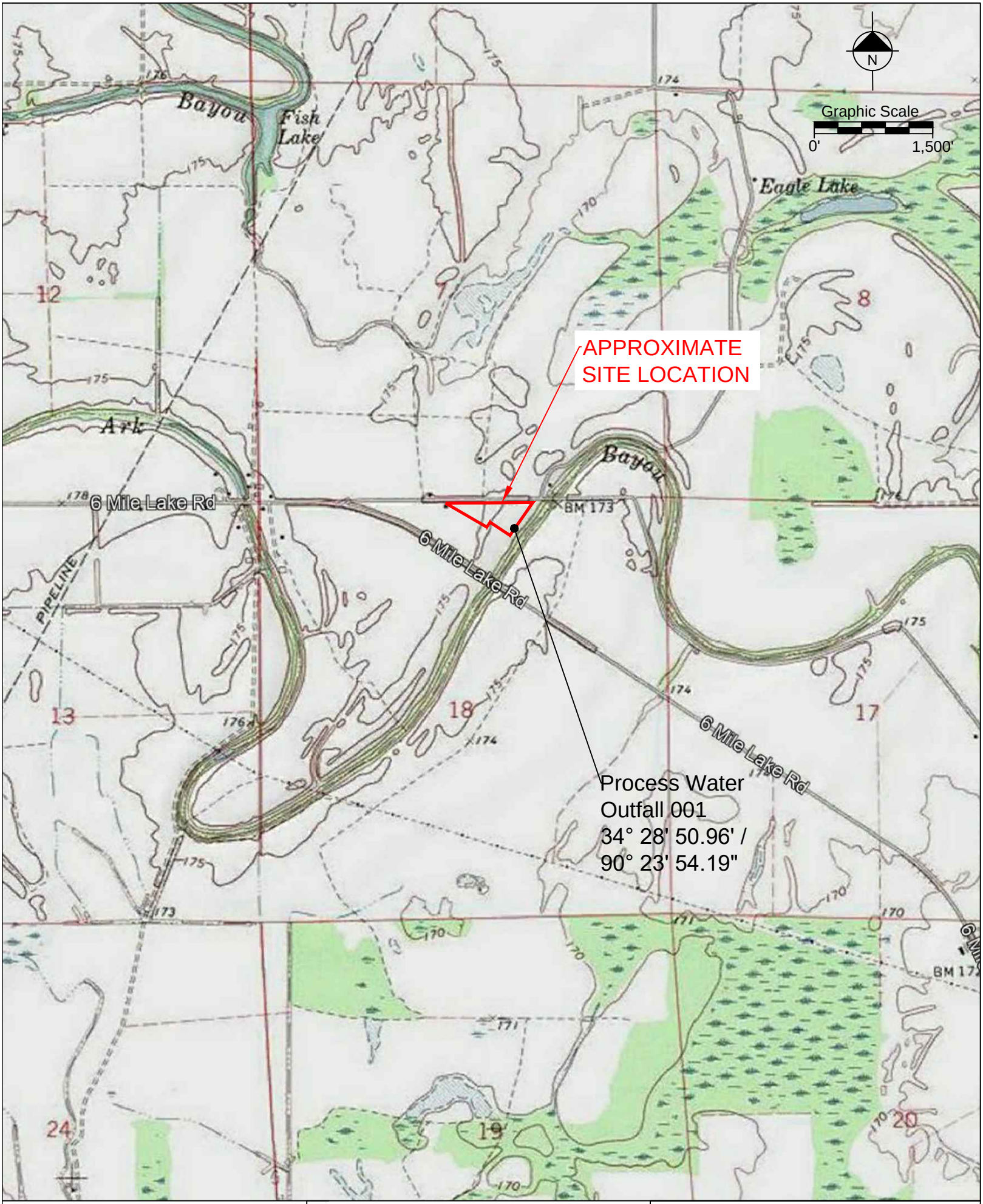
Any sample results that exceed the permit limits must be addressed by submitting a letter to the MDEQ explaining the reasons for the exceedance(s) and noting any corrective measures taken, as well as a plan to keep the exceedance from re-occurring.

10.0 SECURITY

Security is an important consideration to prevent a spill or release from accidental or unknowing entry or from vandalism. Therefore, to protect the facility, several security measures have been taken. These measures include:

1) Lighting around plant and storage tanks.
2) The entrance gate can be locked when the site is unoccupied.
3) Fuel pumps are locked when not in use.

Figure 1: Site Location Map



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Brandon, Mississippi
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Dundee Wind Farm Portable Plant
Taylor Rd / 6 Mile Lake Rd; Dundee, MS 38676

Figure Number:1
Figure Name: Site Location Map
Project: SWPPP
Drawn By:CC
Date Drawn:January 9, 2023

Figure 2: Site Layout Map

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Dundee Wind Farm Portable Plant

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Figure Number:2
Figure Name:Site Layout Map
Project:SWPPP
Drawn By:CC
Date Drawn:January 9, 2023

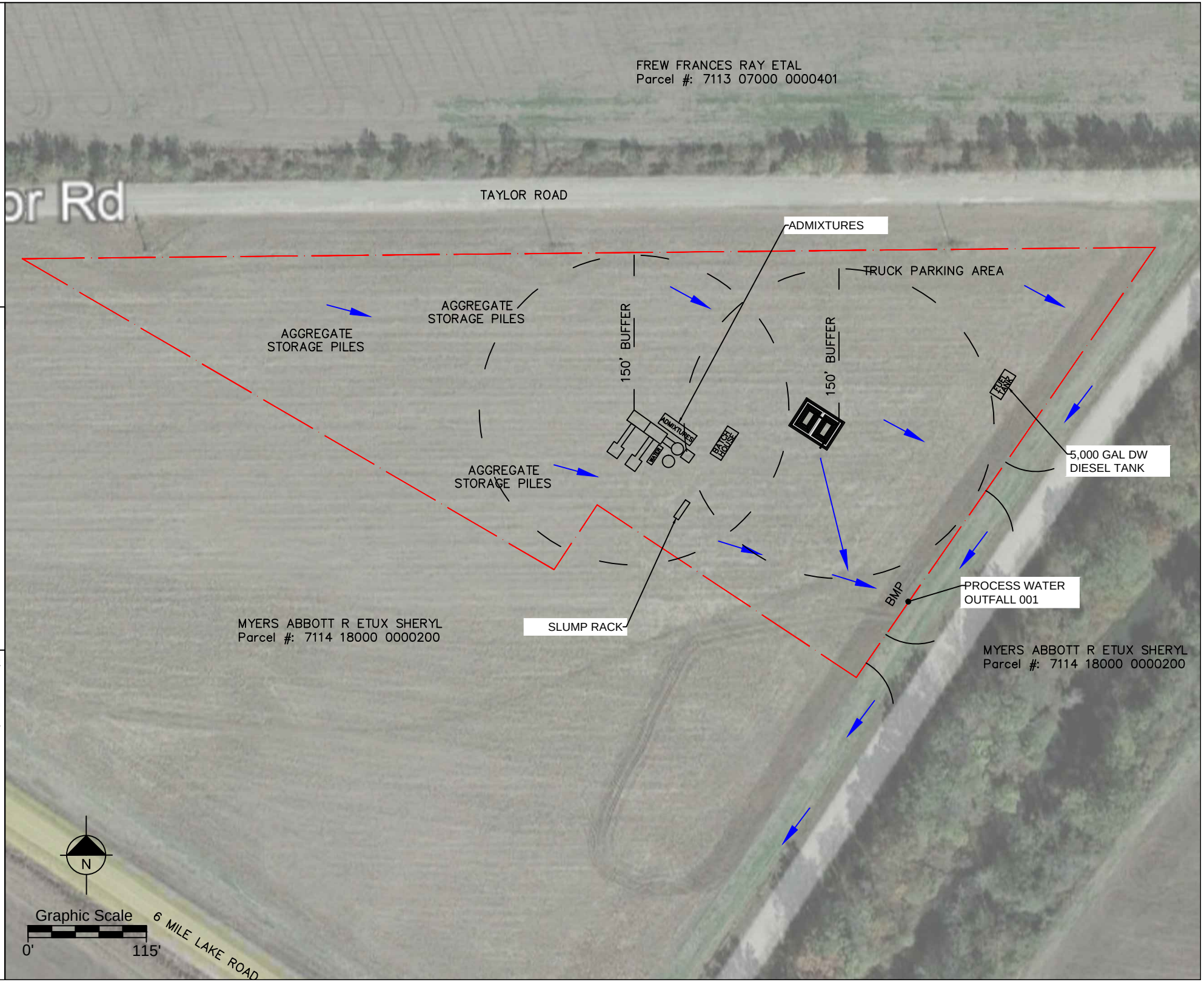
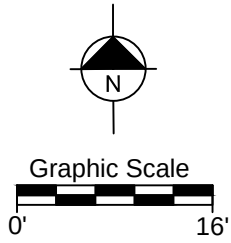
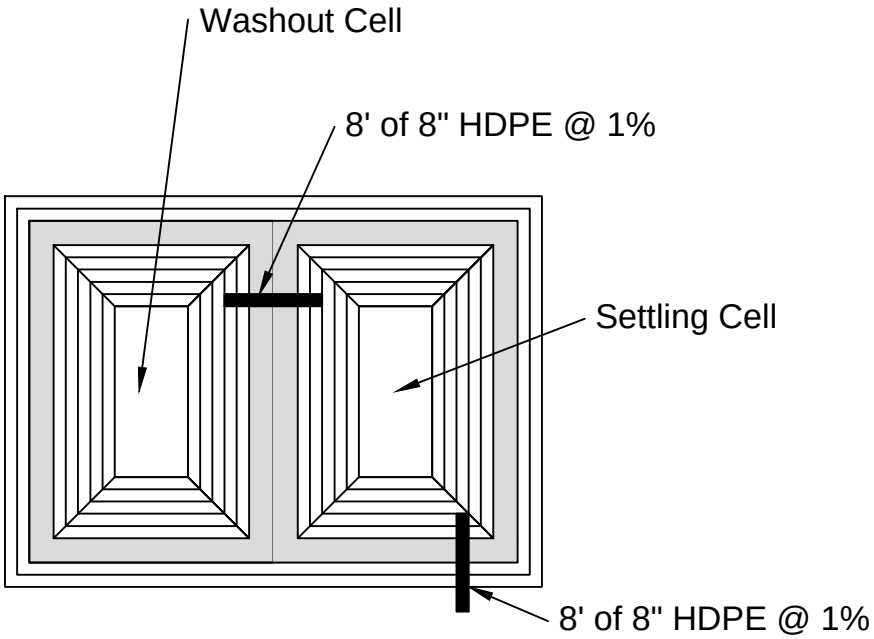
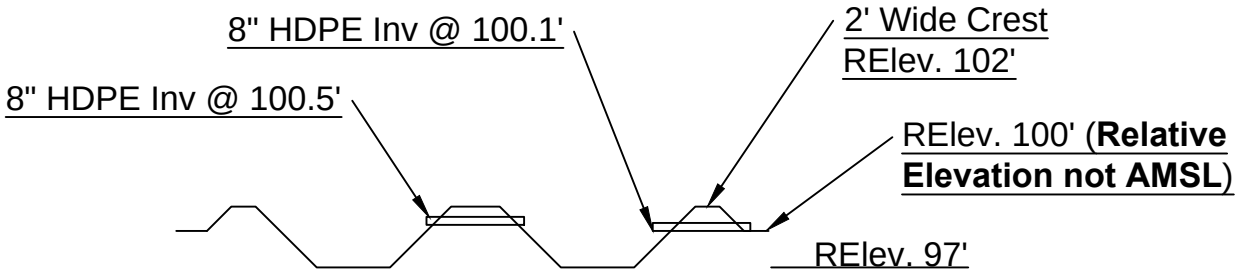


Figure 3: Sediment Basin Design

Plan View







Section View

Notes:
1) 1.0' of Minimum Earthen Cover on Pipes.
2) Pond will be cut into existing grade. Minor levees will be constructed on all sides of the pond. Levee areas shall be cleared, grubbed, and stripped of all unsuitable levee material. Levees shall be constructed using loose 9 inch lifts of suitable fill and compacted.
3) 1:1 Minimum Slopes

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Figure Number:3
Figure Name: Washout Pit Design
Project: SWPPP
Drawn By:CC
Date Drawn:February 3, 2023

Worksheet 1: Chemical Storage Tanks and Reportable Quantity

WORKSHEET 1: CHEMICAL STORAGE TANKS AND RQ								***1 of 1***
Tank ID	**Material/Purpose**	**Capacity of Tank**	**Type of Secondary Containment Provided**	**Likelihood of contact with storm water? If yes, describe reason.**	**Past Significant Spill or Leaks?**		**RQ (lbs)**	**Section 313 Chemical**
					Yes	**No**		**Yes/No**
ABOVEGROUND STORAGE TANKS								**If yes, then identify chemical**
1	Diesel / Equipment Fuel	5,000 gal	Double walled	Tank located outside, spilled/leaked material could possibly contact storm water		x	See Note 1	No
2	MGlenium 7925/ Admixture	1,500 gal	Double walled	Tank located outside, spilled/leaked material could possibly contact storm water		x	No RQ	No
3	MPozzolith 322 / Admixture	500 gal	Double walled	Tank located outside, spilled/leaked material could possibly contact storm water		x	No RQ	Di Minimus
4	Master Air AE90 / Admixture	1,500 gal	Double walled	Tank located outside, spilled/leaked material could possibly contact storm water		x	100 lb Ammonia; 1,000 lb Potassium hydroxide & Sodium Hydroxide	Di Minimus
5	Master X-Seed 55/ Admixture	1,500 gal	Double walled	Tank located outside, spilled/leaked material could possibly contact storm water		x	No RQ	No
6	MSet AC534 / Admixture	1,500 gal	Concrete Secondary Containment	Tank located outside, spilled/leaked material could possibly contact storm water		x	No RQ	No

Note 1: Per the SPCC regulations of 40 CFR 112, any amount of petroleum that causes a sheen on waters of the US, or that causes a sludge on adjoining shorelines, etc. is a reportable quantity (RQ).
Note 2: At times throughout the year, as market demands, other admixtures and chemicals may be located onsite and used in the production of concrete or the operation of the plant. Some of these admixtures or cleaning chemicals may contain substances that are Section 313 chemicals. A review of all company-wide chemicals has identified these additional substances and reportable quantities.

Worksheet 2: Summary of Materials Exposed to Storm Water

WORKSHEET 2: MATERIALS EXPOSED TO STORM WATER

Material: Diesel

Purpose: Fuel for equipment
Location: Onsite.
Quantity Produced: NA **Quantity Stored:** 5,000 gallons
Quantity Exposed to Storm water in Past 3 Years: None
Past Significant Spill or Leak Exposed to Storm water in Past 3 Years? No
If "Yes", Describe:
Method of Storage: Above Ground Storage Tank (Metal)
Method of Disposal: If spilled, materials disposed according to Federal and State Regulations.
Description of Material Management Practice: Inventory is kept to a minimum to minimize storm water exposure. Valves and hoses inspected periodically. Any spills promptly cleaned up.

Material: Concrete Admixtures

Purpose: Concrete Additives (accelerants/retardants)
Location: Onsite.
Quantity Produced: NA. **Quantity Stored:** 6,500 gallons
Quantity Exposed to Storm water in Past 3 Years: None
Past Significant Spill or Leak Exposed to Storm water in Past 3 Years? No
If "Yes", Describe: N/A.
Method of Storage: Stored in plastic tanks
Method of Disposal: Used in concrete production.
Description of Material Management Practice: Ensure tank contents do not enter storm water pathways. Valves and hoses inspected periodically. Any spills promptly cleaned up. Double walled tank.

Material: Aggregates

Purpose: Used in Concrete Production
Location: Onsite.
Quantity Produced: NA. **Quantity Stored:** Varies
Quantity Exposed to Storm water in Past 3 Years: None
Past Significant Spill or Leak Exposed to Storm water in Past 3 Years? No
If "Yes", Describe: N/A.
Method of Storage: Bins
Method of Disposal: If spilled, materials disposed according to Federal and State Regulations.
Description of Material Management Practice: Aggregates are away from property boundaries and site has low slopes.

Worksheet 3: Existing and Proposed BMPs

WORKSHEET 3: EXISTING AND PROPOSED PETROLEUM BMPs

Instructions: List all identified actual and potential petroleum/storm water pollution sources and describes existing management practices and proposed BMPs with implementation schedule.

Potential Pollution Sources	Existing BMPs	Proposed BMPs	Implementation Schedule
1) Diesel Tanks	-Double walled tank - Routine inspections and prompt cleanup of spills. - Train appropriate employees on proper loading and unloading procedures -Maintain spill control materials near storage tanks	None at this time	Not applicable
2) Motor/Hydraulic Oil	- Covered from storm water exposure - Routine inspections, prompt cleanup of spills. - Train appropriate employees on proper loading and unloading procedures -Maintain spill control materials near storage tanks -Small Containers	None at this time	Not applicable
3) Admixture Tanks	-Doublewall tanks - Routine inspections, prompt cleanup of spills. - Train appropriate employees on proper loading and unloading procedures.	None at this time	Not applicable
4) Truck Washout Area & Water Treatment Pit	-Use of stabilizers to minimize washouts -Train employees to minimize the amount of water used -Reuse or recycle drum washout solids -Recycle left over concrete via crushing into a reusable road base material.	None at this time	Not applicable
5) Aggregate Piles	-Minimize surface area of aggregate piles	None at this time	Not applicable
6) Site Yard	-Sprinkle roads for dust suppression -Grade yard appropriately -Practice good house keeping -Design traffic flow around operations relative to drainage and water collection locations	None at this time	Not applicable

Worksheet 4: List of Significant Spills and Leaks

MONTHLY SPILL & LEAK LOG

READY-MIX CONCRETE GENERAL PERMIT

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Facility Name:_____ **Month:** _____

Coverage Number: MSG11__ __ __ __ **Year:** _____

Instructions: A list of spills and leaks of toxic or hazardous pollutants that have occurred at the facility shall be documented on the Monthly Spill and Leak Log Sheet provided by MDEQ at www.mdeq.ms.gov/rmcgp. A separate form shall be completed for each month that the facility is covered under this general permit. If no spills have occurred, the form shall be completed by checking the first box and signing at the bottom, as indicated. Coverage recipients may use an alternate form to record this information, so long as it includes all of the information in this form and it is updated monthly. The completed monthly forms shall be filed on-site with the SWPPP and made available to MDEQ personnel for inspection upon request. [2020 RMCGP ACT5 T-2(4)]

☐ **No spills have occurred this month.**

Date of Spill	Material Spilled	Quantity Spilled (specify units)	Area of Spill	Did spill result in a discharge? (Yes/No)	Injury / Property Damage? (Yes/No)	Person(s) involved in cleanup	Date reported to MDEQ (if significant)
Corrective Actions(s) Taken:							
Date of Spill	Material Spilled	Quantity Spilled (specify units)	Area of Spill	Did spill result in a discharge? (Yes/No)	Injury / Property Damage? (Yes/No)	Person(s) involved in cleanup	Date reported to MDEQ (if significant)
Corrective Actions(s) Taken:							
Date of Spill	Material Spilled	Quantity Spilled (specify units)	Area of Spill	Did spill result in a discharge? (Yes/No)	Injury / Property Damage? (Yes/No)	Person(s) involved in cleanup	Date reported to MDEQ (if significant)
Corrective Actions(s) Taken:							

"I certify under penalty of law that this report is true, accurate, and complete, to the best of my knowledge and belief."

Inspector Name: _____ Inspector Signature: _____ Date: _____

If requested, submit signed form to Water II Branch Manager, ECED, MDEQ, PO Box 2261, Jackson, MS 39225

Worksheet 5: Non Storm Water Discharge Assessment and Certifications

Worksheet 5: NON-STORM WATER DISCHARGE EVALUATION AND CERTIFICATION

Date of Test or Evaluation	Outfall No. Observed (as indicated on the site map)	Method Used to Test or Evaluate Discharge	Describe Results from Test for the Presence of Non-Storm water Discharge	Identify Potential Significant Sources	Name of Person Who Conducted the Test or Evaluation

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 gather and evaluate 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.

A. Name & Official Title	B. Area Code and Telephone No.
C. Signature	D. Date Signed

Worksheet 6: Monthly Inspection Checklist

MONTHLY STORM WATER INSPECTION FORM
READY-MIX CONCRETE GENERAL PERMIT

Facility Name: _____ **Coverage Number: MSG11** __ __ __ __ **Date:** _____

Instructions: Conduct a monthly inspection of all industrial activities exposed to storm water and the storm water outfalls. Inspect each area/equipment noted below for indications of potential storm water contamination or failure of best management practices required by the SWPPP, recording any issues and corrective action taken. Such inspection should be conducted during or immediately following a rain event producing runoff, if possible. Also, for any monthly inspection performed during or after a rain event, collect storm water runoff from each outfall in a clean, clear jar and examine it in a well-lit area. Should any objectionable characteristics described below be observed, the coverage recipient shall investigate upstream from the sample location to identify the potential sources of pollution and implement corrective action(s). [2020 RMCGP ACT5, T-6]

Was the inspection conducted during or following a rain event resulting in runoff?	☐ Yes ☐ No	**If yes, were samples collected for visual examination?**	☐ Yes ☐ No ☐ N/A

Areas/Equipment Inspected	**Issues Noted?**			**Describe any issues noted and corrective action taken.**
	Yes	**No**	**N/A**	
Truck Wash/Cleaning Area	☐	☐	☐	
Equipment Fueling/Maintenance Areas	☐	☐	☐	
Tanks, Silos, Hoppers and Dust Collection	☐	☐	☐	
Truck Loading Area	☐	☐	☐	
Outdoor Storage Piles	☐	☐	☐	
Sludge Dewatering Area	☐	☐	☐	
General Site-Wide Housekeeping	☐	☐	☐	
Other:	☐	☐	☐	

Outfall Number / Location of Sample:		**Time:**	

Parameter	**Parameter Description**	**Yes**	**No**	**If yes, provide a description and any corrective action taken.**
Color	Is the water sample colored?	☐	☐	
Clarity	Is the water sample clear and transparent?	☐	☐	
Floating Solids	Are there solids floating at the top of the sample?	☐	☐	
Settled Solids	Are there solids settled out in the bottom of the sample?	☐	☐	
Suspended Solids	Are there solids suspended in the water column of the sample?	☐	☐	
Foam	Is there foam forming at the top of the sample?	☐	☐	
Odor	Does the sample have an odor?	☐	☐	
Oil Sheen	Does the sample have an oil sheen?	☐	☐	

"I certify under penalty of law that this report is true, accurate, and complete to the best of my knowledge and belief."

_____	_____	_____
Inspector Name (printed)	**Inspector's Signature**	**Date**

If requested, submit form to Water II Branch Manager, ECED, MDEQ, PO Box 2261, Jackson, MS 39225

ADDITIONAL VISUAL JAR TEST FORM
READY-MIX CONCRETE GENERAL PERMIT

(Attach to Monthly Storm Water Inspection Form)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Facility Name: _____ **Coverage Number: MSG11** __ __ __ __ **DATE:** _____

Outfall Number / Location of Sample:		**Time:**	

Parameter	**Parameter Description**	**Yes**	**No**	**If yes, provide a description and any corrective action taken.**
Color	Is the water sample colored?	☐	☐	
Clarity	Is the water sample clear and transparent?	☐	☐	
Floating Solids	Are there solids floating at the top of the sample?	☐	☐	
Settled Solids	Are there solids settled out in the bottom of the sample?	☐	☐	
Suspended Solids	Are there solids suspended in the water column of the sample?	☐	☐	
Foam	Is there foam forming at the top of the sample?	☐	☐	
Odor	Does the sample have an odor?	☐	☐	
Oil Sheen	Does the sample have an oil sheen?	☐	☐	

Outfall Number / Location of Sample:		**Time:**	

Parameter	**Parameter Description**	**Yes**	**No**	**If yes, provide a description and any corrective action taken.**
Color	Is the water sample colored?	☐	☐	
Clarity	Is the water sample clear and transparent?	☐	☐	
Floating Solids	Are there solids floating at the top of the sample?	☐	☐	
Settled Solids	Are there solids settled out in the bottom of the sample?	☐	☐	
Suspended Solids	Are there solids suspended in the water column of the sample?	☐	☐	
Foam	Is there foam forming at the top of the sample?	☐	☐	
Odor	Does the sample have an odor?	☐	☐	
Oil Sheen	Does the sample have an oil sheen?	☐	☐	

If requested, submit form to Water II Branch Manager, ECED, MDEQ, PO Box 2261, Jackson, MS 39225

Worksheet 7: Annual Evaluation/Certification Form

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

READY-MIX CONCRETE GENERAL PERMIT

COVERAGE NUMBER MSG11__ __ __ __

Annual SWPPP Evaluation Form for Calendar Year _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Instructions: The SWPPP shall describe and ensure the implementation of BMPs which will reduce pollutants in storm water discharges and assure compliance with the terms and conditions of the RMCGP permit. The SWPPP must be evaluated annually to ensure the effectiveness of the SWPPP's design and implementation. [2020 RMCGP ACT5, T-2, T-3, and T-7]

Company/Facility Name: Person evaluating SWPPP:

YES	NO	**SWPPP Components and Description of Potential Pollutant Sources [Condition T-2, ACT 5]**
☐	☐	Identifies industrial activities exposed to storm water. [T-2(1)]
☐	☐	Describes materials and pollutants associated with the activities above. [T-2(2) & (3)]
☐	☐	Identifies spill and leaks of toxic or hazardous pollutants. [T-2(4)]
☐	☐	Identifies pollutants of concern and summarizes storm water sampling data. [T-2(5)]
☐	☐	Includes a detailed scaled site map and a topographical map. [T-2(6) & (7)]
☐	☐	Identifies pollutants likely present and a reasonable potential for containment. [T-2(8)]
		SWPPP Components and Description of Storm Water Management Controls [Condition T-3, ACT 5]
☐	☐	Identifies position(s) responsible for developing, implementing, maintain, and revising SWPPP. [T-3(1)]
☐	☐	Lists materials handled, assesses and identifies risk of potential pollution, and specifies necessary controls. [T-3(2)]
☐	☐	Identifies areas with a high potential for soil erosion and prevention measures. [T-3(3)]
☐	☐	Identifies a preventive maintenance program. [T-3(4)]
☐	☐	Identifies good housekeeping practices. [T-3(5)]
☐	☐	Identifies potential spill areas, their drainage points, and procedures for cleaning spills. [T-3(6)]
☐	☐	Identifies personnel training responsible for implementing and/or complying with the SWPPP. [T-3(7)]
☐	☐	Certifies storm water testing every 5 yrs. when feasible for non-allowed, non-storm water discharges. [T-3(8)]
☐	☐	Identifies areas to be inspected monthly for objectionable characteristics. [T-3(9)]
☐	☐	Identifies allowable non-storm water discharges and appropriate BMPs for the non-storm water. [T-3(10)]
☐	☐	Provides management of storm water volume through its diversion, infiltration, storage, or re-use. [T-3(11)]
		SWPPP Certification and Signature
☐	☐	*The SWPPP is on-site, current, adequately addresses the sources of pollution at the facility, is fully compliant with the terms and conditions of the RMCGP and effectively controls storm water pollutants. If no, the SWPPP shall be amended and submitted to MDEQ within 30 days of amendment. [ACT 2, S-5, ACT5 T-4(4)]*

I certify under penalty of law that this document was 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 fines and imprisonment for knowing violations.

Authorized Signature of Responsible Official _____ Date _____

Printed Name _____ Title _____

** A responsible official according to 2020 RMCGP, ACT 6, T-9*

If requested, submit form to: Water II Branch Manager, ECED, MDEQ, PO Box 2261, Jackson, MS 39225

Worksheet 8: Monthly Air Records Form

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

READY-MIX CONCRETE GENERAL PERMIT
COVERAGE NUMBER MSG11__ __ __ __
MONTHLY AIR RECORDS FORM FOR CALENDAR YEAR _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Instructions: This form should be used to demonstrate compliance with ACT 3, Conditions L-4(2), S-1(4), and S-1(5). Results of monthly inspections and maintenance of the cement silo shall be recorded on this form. For facilities with non-emergency stationary engines, record either the diesel used each month or the amount purchased (if any) during the given month. For synthetic minor facilities (which are facilities with a maximum rated capacity exceeding 150 cubic yards of concrete per hour), annual production in cubic yards must also be recorded. A copy of this form shall be maintained at least five (5) years after completion or for the duration of facility operations, whichever is shorter.

Company Name: _____ Facility Name: _____

Facility Street Address: _____ City: _____ County: _____

Contact Person: _____ Phone No.: _____ Email: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

INSPECTOR (full name)	DATE (mm/dd/yy)	TIME (hh:mm AM/PM)	VISIBLE EMISSIONS OBSERVED?		CORRECTIVE ACTION TAKEN?		DESCRIBE ALL MAINTENANCE AND ANY CORRECTIVE ACTION(S) TAKEN	DIESEL USED/ PURCHASED (gallons)
			YES	NO	YES	NO		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
			☐	☐	☐	☐		
Total Annual Production of Concrete (for synthetic minor facilities):								**Cubic yards**
Total Annual Diesel Used (for non-emergency stationary engines):								**Gallons**

Based on my inquiry of the person or persons responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

_____ _____

Authorized Signature of Responsible Official Date

_____ _____

Printed Name Title

**A responsible official must be a corporate officer or facility manager delegated authorization to sign documents.*

If requested, submit form to: Air II Branch Manager, ECED, MDEQ, PO Box 2261, Jackson, MS 39225

Worksheet 9: Employee Training Log

PERSONNEL TRAINING FORM

READY-MIX CONCRETE GENERAL PERMIT

Facility Name: _____ **Coverage Number: MSG11**__ __ __ __

Instructions: Personnel responsible for implementing and/or complying with the requirements of the RMCGP shall receive initial and periodic refresher training. Initial training shall be provided within twelve (12) months of issuance or reissuance of RMCGP coverage and prior to performing responsibilities under the coverage. Refresher training shall be provided annually. The trainee(s) and trainer shall sign and date this form. [2020 RMCGP ACT5, T-9]
Describe the contents of the training or attach the training to this form and indicate "Attached."

Trainer Name (printed)	Trainer Signature	Date

Trainee Name (printed)	Trainee Signature	Date

If requested, submit form to Water II Branch Manager, ECED, MDEQ, PO Box 2261, Jackson, MS 39225

Appendix A: State Multimedia Ready-Mix Concrete General Permit

State of Mississippi
Mississippi Department of Environmental Quality (MDEQ)

READY-MIX CONCRETE GENERAL PERMIT (RMCGP)

THIS CERTIFIES

Facilities issued a certificate of permit coverage under this permit are granted permission to:

- Construct/Operate air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein and

- Discharge wastewater and stormwater associated with industrial activities into state waters in accordance with the National Pollutant Discharge Elimination System (NPDES)

in accordance with effluent limitations, inspection requirements and other conditions set forth in herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act.

Mississippi Environmental Quality Permit Board

Krystal Rudolph

Authorized Signature
Mississippi Department of Environmental Quality

Issued: December 8, 2020
Expires: November 30, 2025

Permit No. MSG11
Agency Interest # 38088

Appendix B: Compliance Evaluation Records

Appendix C:
Pollution Prevention Team Contact Information

Appendix C - Pollution Prevention Team Contact Information

Title	Name	Work Phone	Alternative Phone
Safety & Environmental Manager	Sonya Price		662-386-1095
Area Manager	Johnny Sides		662-820-0696
Operations Manager	Eddie Chambley		662-310-3120
Division President	Rocky McBride		662-312-2676