

Hammett Gravel Company, Inc.

PHONE 662-834-1867

SINCE 1941

P.O. DRAWER 209

Lexington, Mississippi
39095

March 28, 2024

Ms. Morgan White
Environmental Permits Division
Mississippi Department of Environmental Quality
Post Office Box 2261
Jackson, Mississippi 39225-2261

REFERENCE: STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
MAJOR MODIFICATION FORM
RED MOUNTAIN MINE
HIGHWAY 28
COPIAH COUNTY, MISSISSIPPI

Dear Ms. White:

Enclosed please find a SWPPP and Major Modification Form for Hammett Gravel Company's Red Mountain Mine in Copiah County. If you need an electronic copy of the SWPPP or the Major Mod Form let me know and I'll be glad to send to you. Should you have questions or require additional information, please contact me at (601) 955-4791.

Sincerely,



Ken McCarley, RPG
Hammett Gravel Company, Inc.
Director/Safety & Compliance

Enclosure

RECEIVED

APR - 1 2024

Dept. of Environmental Quality

AI: 80025

MAJOR MODIFICATION FORM FOR MINING GENERAL PERMIT

Coverage No. MSR32 2933 County _____



INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality of plans to expand the acreage or "footprint" of an existing mining activity or modify the existing mining operation. This form must be submitted when (check all that apply):

- SWPPP details have been developed and are ready for MDEQ review for subsequent phases of an existing, covered mining activity
- "Footprint" identified in the original MNOI is proposed to be enlarged (a modified SWPPP and an updated USGS topographic map must be submitted)
- Mine dewatering is proposed
- Mine dewatering has been discontinued
- Closed loop wash operations are proposed
- Closed loop wash operations have been discontinued

This form must be signed by the original coverage recipient under Mississippi's Mining General Permit. A different operator must have general permit coverage transferred prior to coverage being modified. Coverage recipients are authorized to discharge storm water associated with proposed expansions of dewater pits or operate a recirculation system with no discharge, under the conditions of the General Permit, **only upon receipt of written notification of approval by the MDEQ**. If mining activities change which will incorporate a hydraulic dredging operation or a discharge of process wastewaters to State waters additional permitting actions shall be required.

COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT PERSON: Ken McCarley

COMPANY NAME: Hammett Gravel Company, Inc.

STREET OR P.O. BOX: P.O. Box 209

CITY: Lexington STATE: Mississippi ZIP: 39095

PHONE NUMBER : (601) 955-4791 EMAIL ADDRESS: ken.mccarley@hammett-gravel.com

PROJECT INFORMATION

FORMER ACREAGE: 165 ADDITIONAL ACREAGE TO BE DISTURBED: 40

TOTAL ACREAGE: 205 MINE NAME: Red Mountain

GEOLOGY APPLICATION/PERMIT NO. P21-016 CITY: Crystal Springs COUNTY: Copiah

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.

Ken McCarley
Signature (must be signed by coverage recipient)

March 28, 2024
Date

Ken McCarley
Printed Name

Director/Safety & Compliance
Title

Please submit this form to:

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

O.C

***AMENDED STORM WATER
POLLUTION PREVENTION PLAN
(SWPPP)***

**HAMMETT GRAVEL COMPANY, INC.
RED MOUNTAIN MINE
HIGHWAY 28
COPIAH COUNTY, MISSISSIPPI**

**UNDER MISSISSIPPI'S
MINING STORM WATER GENERAL NPDES PERMIT
MSR322933**


**SWPPP MANAGER: Frank Martin, Plant Manager
TELEPHONE #: (601) 813-6129**

SWPPP COMMITTEE MEMBERS:

Ken McCarley, Director/Compliance & Safety

Ramsey Marx, Assistant Plant Manager

I certify under penalty of law that the information submitted is, to the best of my knowledge, true, accurate and complete.



Signature

3/28/24

Date Signed

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SITE LOCATION AND DESCRIPTION	1
3.0	POLLUTION PREVENTION TEAM.....	1
4.0	POTENTIAL SOURCES OF STORM WATER POLLUTANTS	2
4.1	Narrative Description of Activities and Significant Materials	2
4.2	Significant Spills or Leaks.....	2
5.0	NON-STORM WATER DISCHARGE CERTIFICATION	2
6.0	STORM WATER MANAGEMENT CONTROLS.....	3
6.1	Sediment and Erosion Control.....	3
6.2	Preventive Maintenance.....	3
6.3	Good Housekeeping.....	3
6.3.1	Operation and Maintenance	3
6.3.2	Material Storage Practices.....	4
6.3.3	Material Inventory Procedures	4
6.4	Spill Plans and Response Procedures	4
6.5	Employee Training.....	5
6.6	Visual Site Inspections	5
7.0	NON-NUMERICAL LIMITATIONS, INSPECTIONS, RECORD KEEPING AND REPORTING	5
7.1	Storm Water Discharge Limitations.....	5
7.2	Annual Site Evaluations.....	6
7.3	Record Keeping	6
7.4	Reporting	6
7.5	Annual SWPPP Update	7
8.0	CERTIFICATION OF SWPPP.....	8
9.0	ADDENDUM TO SWPPP.....	9

FIGURES	Figure 1	Topographic Map
	Figure 2	2012 Aerial Photograph
APPENDICES	Appendix A	Regulatory Agencies
	Appendix B	Non-Storm Water Discharge Evaluation and Certification
	Appendix C	Annual Storm Water Site Inspection Report Form

1.0 INTRODUCTION

The Clean Water Act (CWA), as amended (33 U.S.C. 1251 et seq.) and the rules and regulations promulgated under the authority of this Act require a permit for storm water discharges associated with certain industrial activities. These requirements are set forth in the National Pollutant Discharge Elimination System (NPDES) Mining General Storm Water Permit for the State of Mississippi, reissued October 1, 2007. Regulatory applicability is determined by the specific description of the covered industry, or activity, or by the Standard Industrial Classification (SIC) code which is 1442, Construction Sand and Gravel, for this activity. The Mississippi Department of Environmental Quality (MDEQ) NPDES Mining General Storm Water General Permit authorizes discharges of storm water within the State of Mississippi from surface mining operations as defined in MDEQ Regulation WPC-1 Wastewater Regulations for NPDES Permits. Hammett Gravel Company, Inc. (Hammett) of Lexington, has prepared this Amended Storm Water Pollution Prevention Plan (SWPPP) to reflect adding an additional 40 acres to the presently-existing 165-acre mining operation called the Red Mountain mine and to continue with a closed-system wash operation. The total acreage for the permit will be 205 acres. The purpose of the SWPPP is to describe and identify potential contaminants to storm water, describe best management practices (BMPs) and control measures, and maintain compliance with the terms and conditions of the Mining Storm Water General Permit - MSR32. This SWPPP was prepared in accordance with the MDEQ *Mississippi SWPPP Guidance Manual for Industrial Facilities* and *The SWPPP Guidance Manual for Construction Activities*. The SWPPP must identify potential pollutant sources, describe and ensure implementation of pollutant reduction practices, assure compliance with permit conditions and incorporate appropriate spill/leak responses and structural and non-structural best management practices (BMPs).

2.0 SITE LOCATION AND DESCRIPTION

The Hammett Red Mountain Mine is located south of Highway 28 in Copiah County, Mississippi, latitude 31°52'31.11" North, longitude 90°17'46.73" West, being situated in the south half of Section 34, Township 1 North, Range 1 West, and the north half of the north half of Section 3, Township 10 North, Range 9 East, Copiah County, Mississippi. Hammett will open pit mine for material to a depth of approximately 50 feet below surface grade.

A topographic map showing the site location, outfalls, and receiving stream is shown on Figure 1. An aerial photograph showing major site features is shown on Figure 2. Further discussion of discharge and erosion and sediment control is discussed in Section 6.1.

3.0 POLLUTION PREVENTION TEAM

The Pollution Prevention Team (PPT) is responsible for oversight, implementation, maintenance, and any necessary revisions to the SWPPP. Members of the Red Mountain Mine PPT are:

- Frank Martin, Plant Manager..... (601) 813-6129
- Ramsey Marx, Assistant Plant Manager.....(601) 953-7041
- Ken McCarley, RPG, Director/Compliance & Safety.....(601) 955-4791

Specifically, team responsibilities include identifying pollutant sources and risk, choosing BMPs, and assessing the SWPPP effectiveness. The PPT leader, Frank Martin, will keep up-to-date on all site operations and ensure that changes are made to the SWPPP, as needed.

4.0 POTENTIAL SOURCES OF STORM WATER POLLUTANTS

4.1 Narrative Description of Activities and Significant Materials

Potential sources of storm water pollution during operation of the proposed surface mine are as follows:

- Vehicle and equipment operation;
- Equipment fueling; and
- Exposed soil.

Incidental contaminants from heavy equipment and trucks, such as oil, grease, and fuel, may be present due to minor leaks, spills, or other causes. The maximum flow anticipated from this type of release is expected to be insignificant.

4.2 Significant Spills or Leaks

Significant spills or leaks are defined by federal regulations as a release within a 24-hour period of a hazardous substance or oil in an amount equal to, or in excess of, a reportable quantity listed in 40 CFR Part 117 and 40 CFR Part 302.

Significant spills or leaks that could occur in the future will be reported to the proper authorities in accordance with applicable regulations and requirements. A list of regulatory agencies can be found in Appendix A. In such an event, documentation shall include the following information, as appropriate:

- Date of spill;
- Weather conditions;
- Duration of spill;
- Cause of spill;
- Environmental problems created by spill;
- Response procedures;
- Parties notified;
- Recommended revisions to the SWPPP and operating procedures; and
- Equipment needed to prevent recurrence.

5.0 NON-STORM WATER DISCHARGE CERTIFICATION

Federal law and the General Permit virtually prohibit all non-storm water discharges unless specifically permitted under an NPDES Permit. As required by the General Permit, a Non-Storm Water Discharge Evaluation and Certification is included in Appendix B. Potential non-storm water discharges will be monitored during monthly site inspections, as well as the annual evaluation.

6.0 STORM WATER MANAGEMENT CONTROLS

General facility BMPs such as identifying sediment and erosion control, preventive maintenance, good housekeeping, spill prevention and response procedures, employee training, preventing non-storm water discharges, and routine site inspections were developed. The pollution potential, existing BMPs, and BMPs to be implemented for the identified exposed significant materials were assessed and will be developed based on risk identification, assessment, and material inventory of potential sources at the site. Descriptions of the BMPs are provided in the following sections.

6.1 Sediment and Erosion Control

Berms will be used as erosion control on disturbed areas to prevent sediment from reaching any intermittent receiving stream, lake, or storm water drainage ditch. Seeding, where practical, will also be used to stabilize soils in areas that will not be disturbed for 30 days or more. The seeding chart contained in the MDEQ *Mississippi SWPPP Guidance Manual for Construction Activities* will be used as guidance.

6.2 Preventive Maintenance

The preventive maintenance program, which will be maintained at the Red Mountain Mine, will involve the inspection and maintenance of storm water management devices and the inspection of potential pollutant sources to preclude breakdowns, or failures, which could result in discharges of polluted storm water. Maintenance of storm water management devices, performed as part of this program, and other routine maintenance programs include the following:

- Cleaning accumulated sediment from conveyance systems;
- Clearing of debris from drainage culverts; and
- Checking containment structures.

6.3 Good Housekeeping

Good housekeeping practices will be implemented and are intended to keep the facility clean and orderly, thus minimizing the potential for contribution to storm water run-off. Good housekeeping involves the following categories:

- Operation and maintenance;
- Material storage; and
- Material inventory.

6.3.1 Operation and Maintenance

The following general practices will be implemented into the Red Mountain Mine and will remain in place for the duration of mining activities:

- Regularly pick up and dispose of garbage, debris or waste material found in, and around, the facility;
- Drip pans or buckets will be placed beneath hose connections during loading/unloading operations of motor fuels, as applicable;

- All equipment will be inspected once every month to ensure proper working conditions; and
- Inspections for leaks that could lead to discharges of chemicals, or for conditions where storm water contacts raw materials, waste materials or products will be performed monthly.

6.3.2 Material Storage Practices

Drums will not typically be used at the facility. Should drums be stored, the following proper storage techniques will be followed:

- Storage containers, and drums will be moved away from direct traffic routes to prevent spills;
- Containers will be stored on pallets, or similar devices, to prevent corrosion of the containers which can result when in contact with moisture on the ground; and
- The responsibility of hazardous material inventory will be assigned to a limited number of personnel who are trained to handle hazardous materials.

6.3.3 Material Inventory Procedures

The following inventory procedures will be followed:

- All chemical substances present in the workplace will be identified. All purchase orders for chemical substances will be reviewed. All chemical substances used in the workplace will be listed and Safety Data Sheets (SDS) will be retained on file for each chemical;
- All containers will be labeled to show the name, type of substance, stock number, expiration date, health hazards, suggestions for handling, and first aid information; and
- All hazardous waste materials and recyclable materials which require special handling, storage, use, and special consideration will be clearly marked on the container.

6.4 Spill Plans and Response Procedures

A spill response kit consisting of granular oil absorbent material and oil absorbent pads and booms will be kept in service vehicles at all times in order to mitigate minor spills.

Procedures for cleaning up spills, or releases, of potential pollutants are as follows:

- Personnel involved in the clean-up will take precautions to protect personal health and safety, as outlined in the MSDS for the spilled or released substance;
- All spills and releases of potential pollutants which could potentially contaminate storm water are to be completely contained upon discovery;
- The source material of the spill will be identified and halted immediately;
- The spilled material will be cleaned up immediately;
- The spilled or released material, all disposable equipment, and contaminated equipment will be disposed of in appropriate containers; and

- Non-disposable equipment will be decontaminated and rinse water will be disposed of, in accordance with 40 CFR Parts 260-265.

In the event of a hazardous material release, an employee will contact the PPTL. In the event of a small localized spill, an employee will immediately pour non-combustible sorbent material on the affected area. Arrangements will be made for proper disposal according to 40 CFR Parts 260-265.

The PPTL and PPT will be notified of any spills or releases. Spills, or releases, which are not fully contained, will be reported to the appropriate agency or agencies which are listed in Appendix A.

6.5 Employee Training

Effective management of storm water pollution requires that all facility staff be familiar with those conditions that may cause pollution. Furthermore, day-to-day proper use of BMPs by all employees is essential for the success of the SWPPP. Mr. Frank Martin, the designated PPTL, will be responsible for implementation of the guidelines established in the SWPPP.

The PPTL is responsible for employee training at the Red Mountain Mine. Training objectives will consist of: (1) spill prevention and response, (2) good housekeeping practices, (3) material management practices, and (4) other general BMPs. Training will be conducted on an annual basis, and the information will be reviewed with new employees during their employee orientation. Regular feedback regarding the implementation and maintenance of the storm water management practices should be obtained from operations staff by the PPTL.

6.6 Visual Site Inspections

Hammett will continue to perform inspections of all erosion controls and other SWPPP requirements during permit coverage for the Red Mountain Mine. The inspections will be performed at least once every seven calendar days; within 24 hours after a rainfall event greater than or equal to a 2-year, 24-hour storm event; and as often as is necessary to ensure that appropriate erosion and sediment controls have been properly constructed and maintained. The inspections will determine if additional or alternative control measures are required. A rain gauge at the site will be used to measure precipitation or readily available rainfall data from a source such as the National Oceanographic and Atmospheric Administration (NOAA) may be accessed at <http://water.weather.gov>. Inspections will be recorded on the MDEQ "Annual Comprehensive Site Inspection and SWPPP Evaluation Report Form" as presented in Appendix C. Non-functioning erosion controls will be repaired, replaced, or supplemented with functional controls within 24 hours of discovery, or as soon as field conditions allow.

7.0 NON-NUMERICAL LIMITATIONS, INSPECTIONS, RECORD KEEPING AND REPORTING

7.1 Storm Water Discharge Limitations

Storm water will be free from:

- Debris, oil scum, and other floating materials other than in trace amounts;
- Eroded soils and other materials that will settle to form objectionable deposits in receiving streams;

- Suspended solids, turbidity, and color at levels inconsistent with receiving streams; and
- Chemicals in concentrations that would cause violation of State water quality criteria in receiving streams.

7.2 Annual Site Evaluations

In addition to monthly visual inspections, the General Permit requires that a comprehensive site compliance evaluation be conducted at least annually. The objective of the evaluation is to assess the overall effectiveness of the SWPPP, and to modify, or improve, the SWPPP, as needed. Findings documented from monthly visual inspections will be considered as part of the annual site evaluation. The MDEQ “*Annual Comprehensive Site Inspection and SWPPP Evaluation Report Form*” is included in Appendix C. The annual inspection will address the following elements:

- Determine if pollution prevention measures are accurately identified in the plan and are in place and working;
- Inspect outfalls for evidence of pollutants which may adversely affect receiving streams;
- Verify and update potential pollutant sources;
- Document findings; and
- Complete needed SWPPP modifications.

7.3 Record Keeping

Records obtained during (1) monthly visual inspections and (2) the annual site evaluation will be retained onsite for a minimum of three years after the date of the inspection. The PPTL will be responsible for implementing record keeping procedures.

7.4 Reporting

The Inspection Report and Certification Form for SWPPP Evaluation will be submitted annually, postmarked no later than the 28th day of January for the preceding calendar year. The report forms will be submitted to the MDEQ at the following address:

Chief, Environmental Compliance and Enforcement Division
Office of Pollution Control, Mississippi Department of Environmental Quality
Post Office Box 2261
Jackson, Mississippi 39225-2261

In the event of anticipated, or unanticipated, noncompliance with the Storm Water General Permit requirements the following procedures will be followed:

- Anticipated Noncompliance – The owner or operator will give at least ten days advance warning, if possible, before any planned noncompliance with the permit; or
- Unanticipated Noncompliance – The owner or operator will notify the MDEQ orally within 24 hours from the time that he, or she, becomes aware of unanticipated noncompliance. A written notice will be provided to the MDEQ within five working days of the time that he, or she, becomes aware of the circumstances. The written

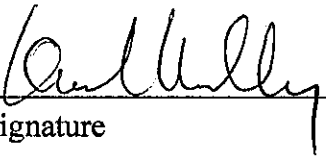
report must describe the cause, exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence of the noncompliance and if the noncompliance has not ceased, the anticipated time for correction.

7.5 Annual SWPPP Update

Based upon the findings of the annual site evaluation, Hammett will amend the SWPPP and SWPPP practices whenever there is change in design, construction, operation, or maintenance, which may potentially increase controlling storm water pollutants. Hammett will submit the amended SWPPP to the MDEQ within 30 days following any amendments.

8.0 CERTIFICATION OF SWPPP

I certify under penalty of the law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person, or persons, who manages 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.


Signature

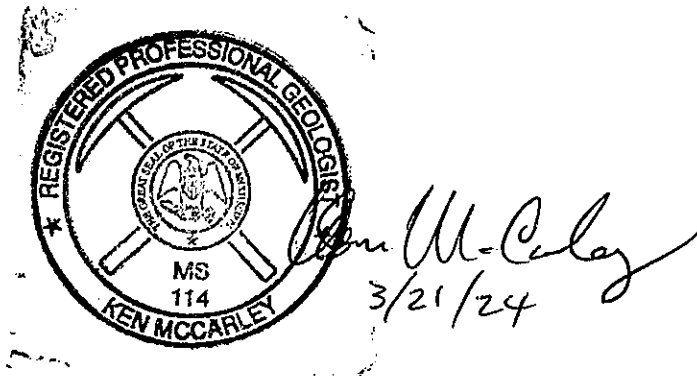
3/21/24
Date

Director/ Safety & Compliance

Title

Hammett Gravel Company, Inc.

Company



ADDENDUM TO AMENDED SWPPP
HAMMETT GRAVEL COMPANY, INC.
RED MOUNTAIN MINE, COPIAH COUNTY

ACT 11, T-3, Power Failures

Hammett Gravel Company will use 3-phase electric power from Southern Electric Power Association to run the plant. In the event of a power failure, all aspects of the plant will shut down. All wastewater flow will be halted at this point. Back-up generators may be on hand to power the plant, at which time wastewater flow will start up again. At no time during any power failure will there be wastewater flow.

ACT 11, T-4, Structural Integrity

All requirements of this section will be complied with, including emergency discharge structures installed at the required levels. All dikes and levees will be constructed using good engineering designs, standards, and methodologies. A professional engineer will certify all dikes, levees, or other appurtenant structures for adequacy of construction. All dikes and levees shall be maintained in good working order at all times; any damaged dikes will be repaired immediately upon discovery. All earthen dikes will be maintained with adequate vegetative cover so effects of erosion are minimized.

Vegetative Practices

Rule 1.7.4 of the Mississippi Mining Rules and Regulations requires the operator of a mine to perform reclamation work concurrently with the operation of the mine. This is a standard that Hammett Gravel Company strictly adheres to. When a mining area is not actively being mined further, reclamation work begins immediately. As an area is being stripped of the overburden layer in order to begin mining, that material is moved over to the area where mining has ceased in order to begin the reclamation process. We don't anticipate an active mining area being idle 30 days because of this. However, in the event that scenario is unavoidable, Hammett will sow the area with a variety of grass such as Bahia or Bermuda in order to stabilize it to avoid erosion.

Haul road and construction entrance/exit

There is an existing haul road from the previous mining activities that trucks will travel on after being loaded. The distance from the loading area to the exit onto Highway 28 is approximately $\frac{3}{4}$ of a mile. The haul road is constructed of clay gravel and will be well maintained. Trucks will exit through an entrance/exit gate near the highway. The entrance/exit area will be maintained so that no dirt, mud, or gravel is tracked onto the highway upon leaving.

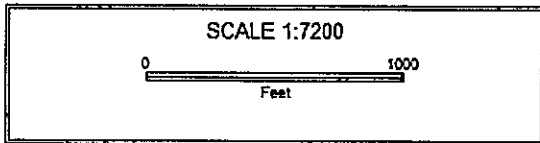
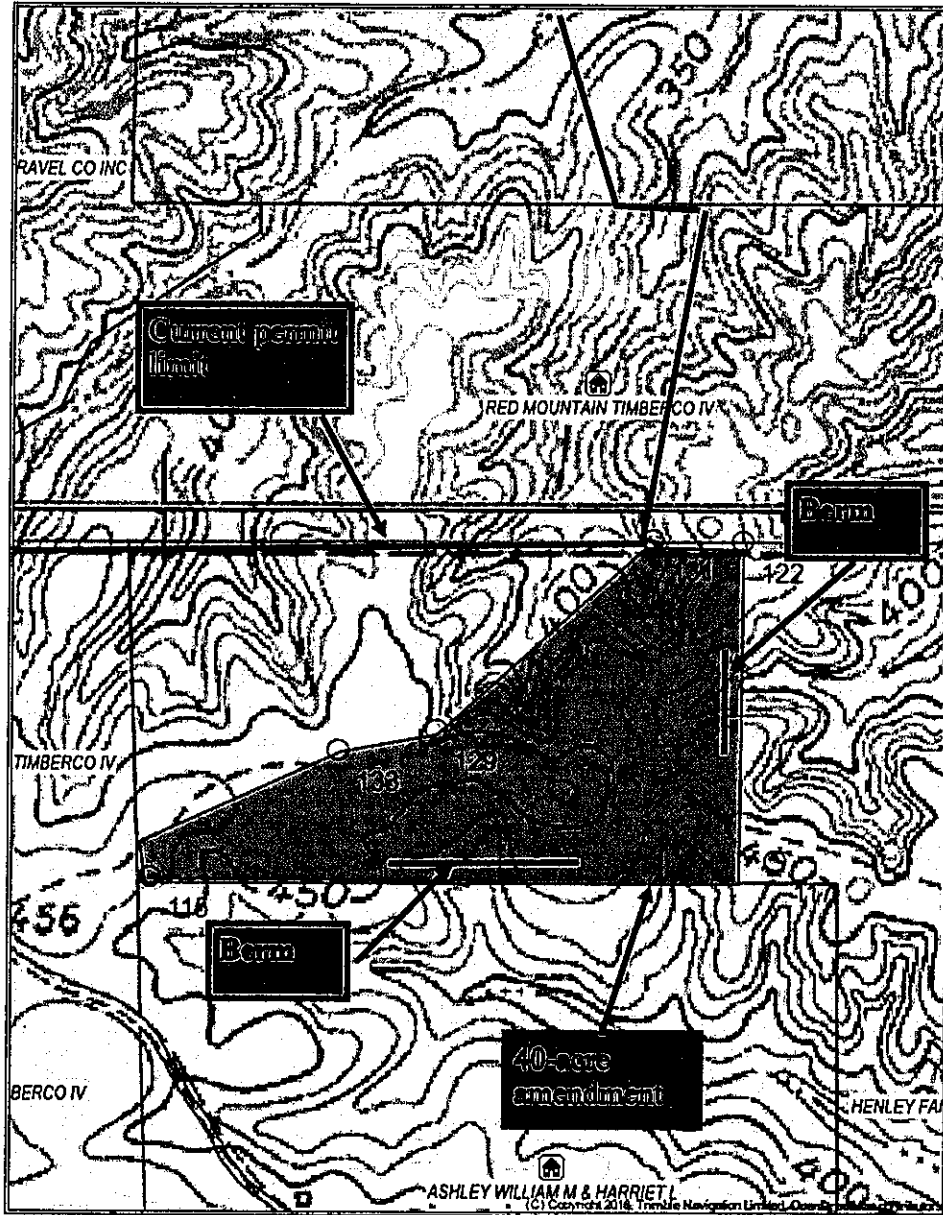
ACT 5, T-7, Implementation sequence for mining activities

Before any mining activities begin, all necessary erosion control structures will be built. Silt fence and hay bales will be installed at outfall area to prevent offsite siltation. Any area where topsoil is being removed, sediment control structures such as hay bales and silt fence will be installed to prevent offsite sedimentation. All stockpiles of overburden will be stabilized with vegetation.

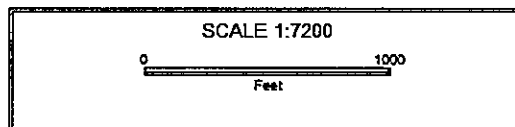
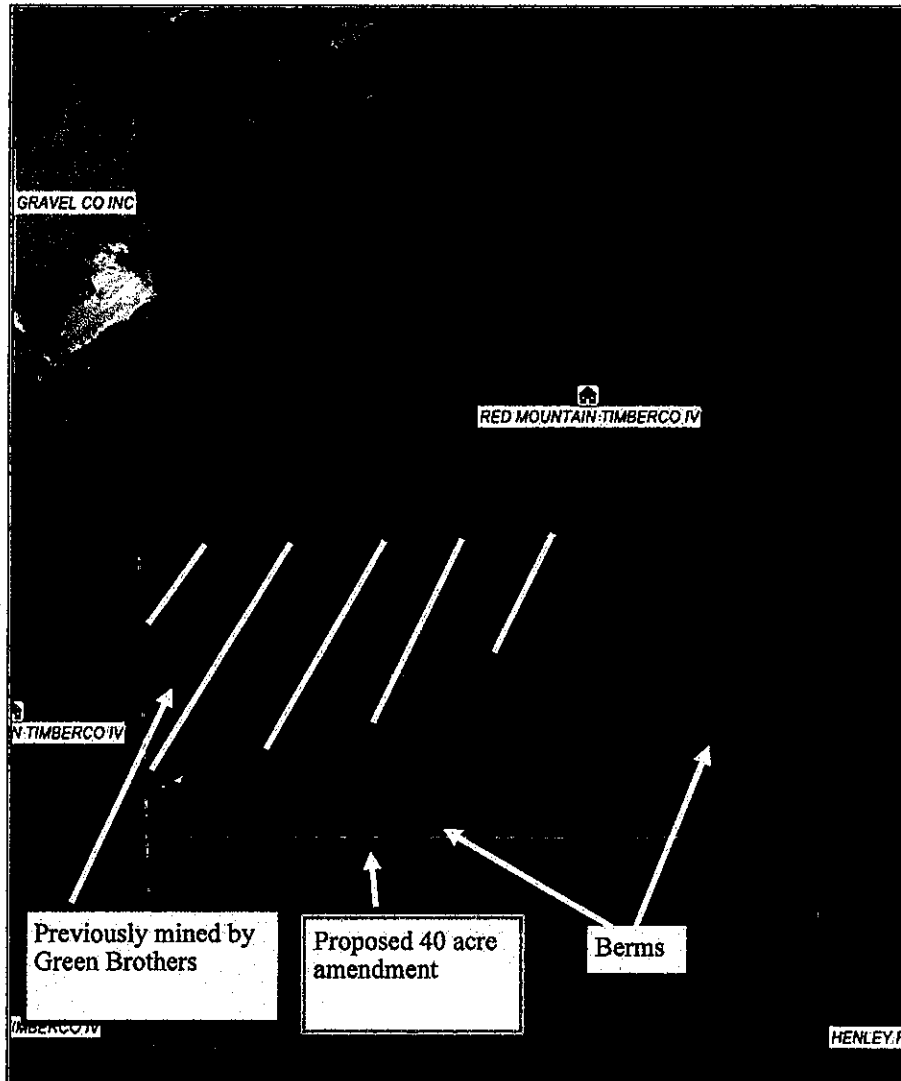

Signature

3/28/24
Date

FIGURES



<p>Red Mountain Mine Copiah County</p>	<p>Hammett Gravel Co., Inc. 72 Hammett Drive Lexington, Mississippi</p>	<p>Figure 1 Topographic Map <i>Shady Grove, 1969</i></p>
---	--	---



<p>Red Mountain Mine Copiah County</p>	<p>Hammett Gravel Co., Inc. 72 Hammett Drive Lexington, Mississippi</p>	<p>Figure 2 Aerial Photograph Map</p>
---	--	--

APPENDIX A
REGULATORY AGENCIES

REGULATORY AGENCIES

1. National Response Center
Open 24 hours per day, 365 days per year
Telephone (800) 424-8802
2. Emergency Response Staff
Mississippi Department of Environmental Quality
2380 Highway 80 West
Jackson, Mississippi 39289
Telephone (601) 354-9100 (24 hour)
3. Mississippi Emergency Management Agency
1410 Riverside Drive
Jackson, Mississippi 39202
Telephone (601) 352-9100 (24 hour)
4. Copiah County Emergency Management Agency
122 South Lowe Street
Hazlehurst, Mississippi 39083
Telephone (601) 894-1658

APPENDIX B

**NON-STORM WATER
DISCHARGE EVALUATION AND CERTIFICATION**

**APPENDIX B
NON-STORM WATER DISCHARGE EVALUATION AND CERTIFICATION**

Outfall No.	Date of Evaluation	Method Used to Evaluate Discharge	If Evaluation is Not Possible, Give Reason	Is Non-Storm Water Being Discharged? (Y/N)	List Likely Sources of Non-Storm Water Discharge	Person(s) Who Conducted the Test or Evaluation

CERTIFICATION

I certify under the penalty of law that is, to the best of my knowledge and belief, true, accurate, and complete (see permit Part V.G).

A. Name and Official Title (type or print)

B. Area Code and Telephone No.

B. Signature

D. Date Signed

APPENDIX C

**ANNUAL COMPREHENSIVE SITE INSPECTION AND SWPPP
EVALUATION REPORT FORM**

