

Permit No. _____

STATE OF MISSISSIPPI

Application No. _____

SURFACE MINING PERMIT APPLICATION

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY / MINING & RECLAMATION DIVISION

Other permits required: Y/N	Date
NPDES	___/___/___
State Operating Permit	___/___/___
Corps of Engineers	___/___/___
_____	___/___/___
_____	___/___/___

P. O. Box 2279
Jackson, Mississippi 39225-2279
(601) 961-5515
Fax (601) 961-5521

City/County approval	Required	Yes	___	No	___
Received Date:	_____				
County	_____				
City	_____				

For Office use only

A. GENERAL INFORMATION

1. Name of Applicant: Mid South Construction & Hauling LLC
 Mailing Address: 9310 Natures Trail Biloxi MS 39532
 E-mail Address: Charles@midouthconstruction.info
 Phone No. 228-860-7828 Fax No. _____
 Authorized Representative Charles Williams

RECEIVED

2. Engineering Firm, Consultant, etc.: _____
 Mailing Address: _____
 E-mail Address: _____
 Phone No. _____ Fax No. _____

FEB 27 2025

OFFICE OF GEOLOGY

3. Name of Mine: Star Mine Mine Supervisor: Charles Williams
 Phone No. 228-860-7828 Fax No. _____

4. Location of Operation (to nearest quarter-quarter section):
NE 1/4 SE 1/4 13 3N 2E Rankin
Section Township Range County

5. Physical address of mine or nearest named road Star Rd, Hwy 49 intersection

6. Method of Operation Open Pit Strip Dredge Wash Operation, if so Water Source _____
 Wash System Type Closed system Open system

7. Number of Acres to be Permitted:
 Excavation 16
 Haul roads, plant site, ponds, storage piles, etc. 4
TOTAL PERMITTED AREA 20

8. Is the Permit Area located: Yes No
 a. within 100 feet of a public road? ___
 b. within 100 feet of a cemetery? ___
 c. within 300 feet of an occupied building? ___

If YES to a, b, or c, a letter must be filed with the Office giving permission from the owner or maintaining authority to mine within these distances to the subject property.

9. Materials to be Mined: Sand/dirt

10. Has the applicant applied for, or have, any other permits or licenses that pertain to this or any other mining operation? Yes No

If "YES," list them in the space provided on page 5, or attach separate pages, and give the current status of each, including any violations or penalties.

B. MINING PROCEDURE AND ENVIRONMENTAL ANALYSIS

- | | |
|---|--|
| 1. Description of materials:
Thickness of overburden <u>108</u> ft.
(Topsoil MUST be stockpiled for use during reclamation)
Thickness of useable material <u>15</u> ft.
Total depth of excavation <u>16</u> ft.
Estimated annual production <u>200,000</u> tons | 2. Anticipated Schedule (month/year)
Begin clearing <u>1</u>
Begin mining <u>3 / 2026</u>
Complete mining <u>3 / 2030</u>
Begin reclamation <u>6 / 2026</u>
Complete reclamation <u>3 / 2031</u> |
| 3. Depth to ground water: <u>79</u> ft. | 5. Types of erosion control structures that will be utilized.
<input type="checkbox"/> Settling ponds <input checked="" type="checkbox"/> Drainage ditches
<input checked="" type="checkbox"/> Diversion berms <input checked="" type="checkbox"/> Terraced slopes
<input type="checkbox"/> _____ |
| 4. How will dust be controlled?
<input checked="" type="checkbox"/> Water on haul roads
<input type="checkbox"/> _____ | |
| 6. Describe the land to be affected by mining as it presently exists:
a. Land use <u>Ag</u> | b. Predominant vegetation <u>Brush, cut over</u> |
| 7. Will explosives be used? ___ Yes <input checked="" type="checkbox"/> No | 8. Is test-boring data available? ___ Yes <input checked="" type="checkbox"/> No |
| 9. Are toxic materials likely to be encountered at any time? ___ Yes <input checked="" type="checkbox"/> No | |
| 10. Will there be any discharge to local streams or other bodies of water? ___ Yes <input checked="" type="checkbox"/> No | |

If any of questions 7-10 are answered "YES," provide additional information on page 5, or attach separate pages.

C. RECLAMATION PLAN

NOTE: It is suggested that the county NRCS office be consulted for specific recommendations on the following items.

- | | |
|--|---|
| 1. Describe the soil handling technique for the reclamation phase of the operation:
<input checked="" type="checkbox"/> Topsoil segregated <input type="checkbox"/> Mixed strata <input type="checkbox"/> _____ | |
| 2. Describe the protection method for the stockpiled topsoil.
<input type="checkbox"/> berm around the storage pile
<input checked="" type="checkbox"/> grass cover on the pile (recommended)
<input type="checkbox"/> stored under a cover
<input type="checkbox"/> _____ | 3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)
<input checked="" type="checkbox"/> slopes will be terraced
<input checked="" type="checkbox"/> sloped to a gradient of <u>4</u> to 1
<input checked="" type="checkbox"/> blended with surrounding contours
<input type="checkbox"/> _____ |

4. What is the general plan for reclamation?

- reforestation
- establish grass cover
- pond or lake
- _____

5. What planting method will be used?

- broadcast seed mechanical seeding
- seeding by manual labor
- _____

6. How will fertilizer and lime be applied and incorporated?

- harrowing broadcasting disking

7. Quantity of lime and fertilizer to be applied?

a. For initial planting

lime: 2 - 3 tons per acre
 fertilizer: 13 - 13 - 13 (type) 500 pounds per acre

b. For successive years prior to 100% release

fertilizer: 13 - 13 - 13 (type) 200 pounds per acre
 when: _____ (month)

8. Describe the planting schedule:

Tree or Seed Species	Tree spacing or lbs./acre	Planting Season
<u>Rye</u>	<u>50</u>	<u>Oct. - March</u>
<u>Behid / Brown top</u>	<u>150</u>	<u>April - Aug.</u>

9. Will the area be mulched? Yes No If yes, rate per acre _____

Method of holding in place: crimped _____

10. How will the vegetation be maintained until the final bond release?

- watering
- mowing
times per year 3
approximate month(s) June, Aug., Sept.
- repairing gullies
- replanting eroded areas
- _____

11. How will debris be disposed of when the mine is finally closed?

- burying burning hauling away

12. Will a soil analysis be submitted for this site? Yes No
NOTE: available from the Cooperative Extension Service through the applicant's County Agent

13. Estimated cost per acre for reclamation of this site: \$1,000⁰⁰ (minimum of \$1,000 per acre)

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <u>Harrison Co</u>	
WELL NUMBER <u>41</u>	CODED
V-2007	
DATE WELL COMPLETED <u>12-22-2000</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Water Well Services, Inc</u>
<u>Arnold Finch Sr</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Yale Canfield</u> <u>982 Henry Cannon Rd</u> <u>Braxton, Ms</u>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
	<u>2137</u>	<u>N 32 E</u>
DISTANCE	DIRECTION	NEAREST TOWN
<u>4</u> Miles	<u>S/E</u>	of <u>Star</u>
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Home</u>		

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>1.0</u>		
Pump Capacity (GPM) <u>10</u>	No. of Stages <u>12</u>	Setting Depth <u>180</u> FT.
PUMP TEST		
Well yielded <u>12</u> GPM with a drawdown of <u>38</u> ft. after <u>24</u> hours of pumping		

WELL DATA		
Well Depth <u>210</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>180</u>
Type of Casing <u>PVC</u>	Hole Depth <u>220</u>	Depth to Static Water Level <u>79</u>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, <u>Natural Development</u> , Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <u>15</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>No Log Run</u> , Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches <u>4</u>	Length - Feet <u>30</u>	Slot Size - Inches <u>.008</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>210</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET			
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>Surface</u>	<u>0</u>	<u>10</u>
<u>Clay</u>	<u>10</u>	<u>170</u>
<u>Sand</u>	<u>170</u>	<u>210</u>
<u>Clay</u>	<u>210</u>	<u>220</u>

FORMATIONS (Continued)	FROM	TO
SEP 12 2000		
Dept of Environmental Quality Office of Land & Water Resources		
IF MORE SPACE IS NEEDED, USE BACK		

September 16, 2024

Mr. Charles Williams
Pierce Construction
2866 Highway 494
Union, Mississippi 39365

RE: Phase I Cultural Resources Survey for the Proposed Star Pit, (MDEQ) MDAH Project
Log #08-139-24, Report #24-0261, Rankin County

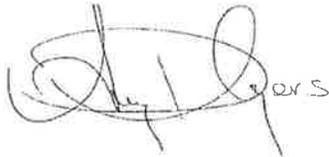
Dear Mr. Williams:

We have reviewed the August 20, 2024, cultural resources survey, by William J. Glass, Principal Investigator, with All Phases Archaeology, for the above referenced project, in accordance with our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After reviewing the information provided, MDAH concurs that archaeological site 22Ra789 is considered ineligible for the National Register of Historic Places and that no historic resources eligible for listing in the NRHP were identified within the project area or are likely to be affected by the project. As such, we have no objections to the project.

Should there be additional work in connection with the project, or any changes in the scope of work, please let us know in order that we may provide you with appropriate comments in compliance with the above referenced regulations.

Please provide a copy of this letter to Mr. Glass. If you have any questions, please do not hesitate to contact us at (601) 576-6940.

Sincerely,



Amy D. Myers
Review and Compliance Officer

FOR: Katie Blount
State Historic Preservation Officer

Surface Mine – Yearly Mining & Concurrent Reclamation Schedule

Mining Period: March 2026 – December 2029 | Reclamation Period: March 2026 – March 2030

Yearly Mining Plan

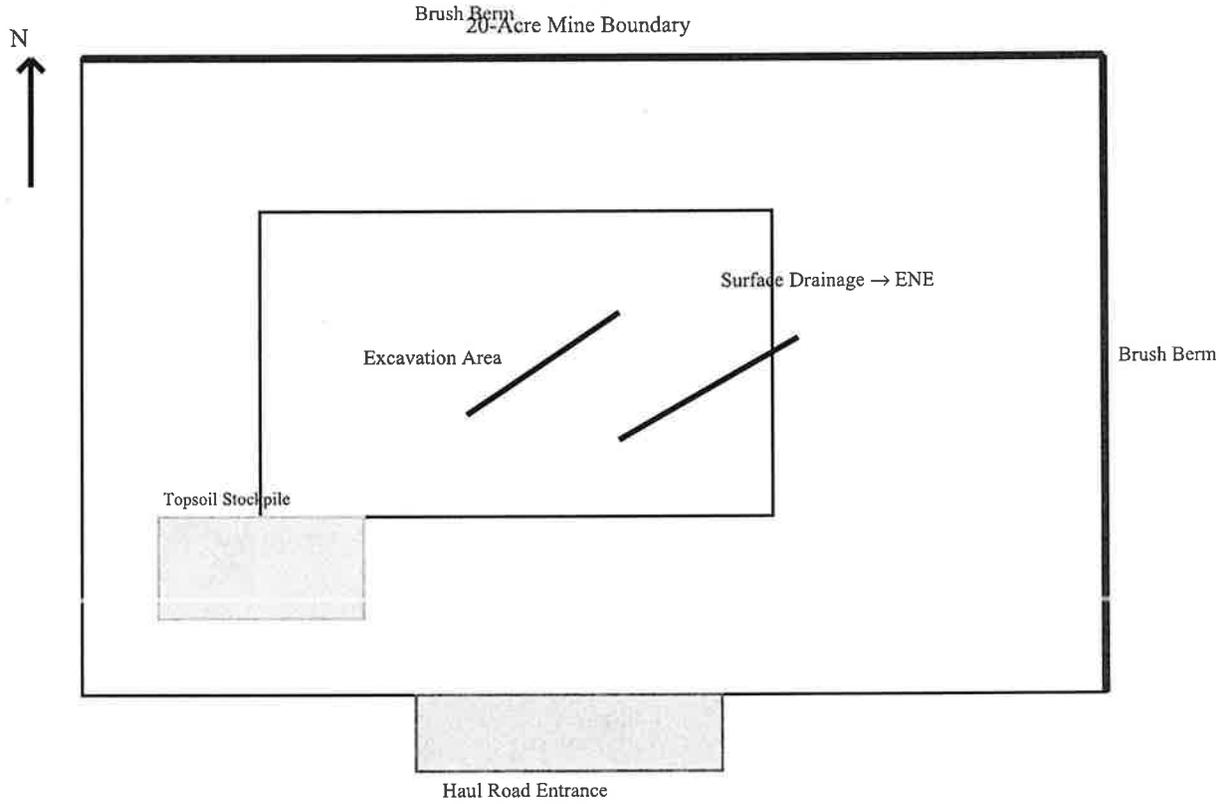
Timeframe	Mining Activities
Mar–Dec 2026	Initiate Phase 1 mining; strip and stockpile topsoil; install and maintain erosion and sediment controls.
Jan–Dec 2027	Advance mining into Phase 2; complete extraction in Phase 1; begin rough grading of Phase 1.
Jan–Dec 2028	Continue mining in Phase 3; complete extraction in Phase 2; stabilize previously mined areas.
Jan–Dec 2029	Complete mining in final phase; finish extraction in Phase 3; prepare areas for final reclamation.

Yearly Reclamation Plan (Concurrent)

Timeframe	Reclamation Activities
Mar–Dec 2026	Stabilize topsoil stockpiles; temporary seeding as needed.
Jan–Dec 2027	Reclaim Phase 1: final grading, topsoil replacement, seeding.
Jan–Dec 2028	Reclaim Phase 2; maintain vegetative cover and repair erosion.
Jan–Dec 2029	Reclaim Phase 3; complete grading and establish permanent vegetation.
Jan–Mar 2030	Final reclamation of Phase 4; site stabilization and close-out.

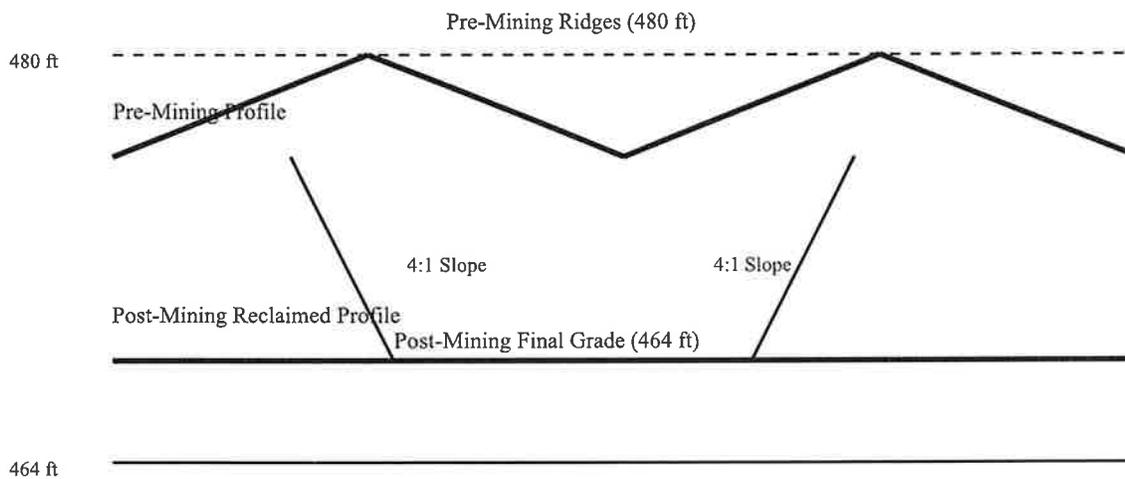
20-Acre Surface Mine – Site Plan

Surface drainage flows East / North-East



Pre- and Post-Mining Elevation Profile

Pre-Mining Ridge Elevation: 480 ft
Post-Mining Final Ground Elevation: 464 ft
All final reclaimed slopes graded to 4:1 or flatter



Dear Mr. James Matheny:

This email is in response to your request for review of possible Department of the Army regulatory requirements for the Pierce Construction and Contract Hauling, Incorporated/Star Mine AI # 87437, Rankin County, Mississippi.

Based upon the information furnished (enclosure 1), we have determined that a Department of the Army Section 10/404 permit will not be required for the proposed work, since all potentially jurisdictional wetlands and/or other waters of the United States will be avoided. In the event project plans are changed, or if you anticipate any additional construction, please contact this office for a reevaluation of permit requirements and refer to Identification No. MVK-2025-84 when submitting the information. In addition, we are not addressing geographic jurisdiction.

This determination of Department of the Army regulatory requirements does not convey any property rights, either in real estate or material or any exclusive privileges and does not authorize any injury to property or invasion of rights or local laws or regulations or obviate the requirement to obtain state or local assent required by law for the activity discussed herein.

If we may be of any further assistance in this matter, please contact Mr. Paul Baham, of this office, telephone (601) 631-5588, or e-mail address: paul.w.baham@usace.army.mil.

GPS Coordinates – Surface Mining Areas

This document is submitted as an attachment to the MDEQ Surface Mining Permit application. The following GPS coordinates define the boundaries of the proposed disturbance areas, including the Front Ridge Mining Area (6 acres), Haul Road (5 acres), and North Mining Area (8 acres). Total proposed disturbance area is approximately 19 acres.

1. Front Ridge Mining Area – 6 Acres

Corner	Latitude	Longitude
NE Corner	32° 06' 01.73" N	90° 02' 24.97" W
NW Corner	32° 06' 00.89" N	90° 02' 30.90" W
SW Corner	32° 05' 54.95" N	90° 02' 26.30" W
SE Corner	32° 05' 57.29" N	90° 02' 23.10" W

2. Haul Road – 5 Acres

Corner	Latitude	Longitude
NE Corner	32° 06' 03.75" N	90° 02' 33.56" W
NW Corner	32° 06' 02.78" N	90° 02' 34.42" W
SW Corner	32° 05' 47.90" N	90° 02' 22.82" W
SE Corner	32° 05' 48.70" N	90° 02' 21.97" W

3. North Mining Area – 8 Acres

Corner	Latitude	Longitude
NE Corner	32° 06' 08.70" N	90° 02' 38.62" W
NW Corner	32° 06' 06.25" N	90° 02' 44.11" W
SE Corner	32° 06' 02.85" N	90° 02' 34.15" W
SW Corner	32° 06' 00.35" N	90° 02' 36.35" W

AI: 90445
MSR323107



Rec'd via email:
03/12/2026

MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

**MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER
MINING STORM WATER, DEWATERING AND NO DISCHARGE
GENERAL PERMIT MSR32 3107
(Number to be assigned by State)**

File at least 30 days prior to the commencement of mining; 15 days if a Storm Water Pollution Prevention Plan (SWPPP) is already on file and mine dewatering is not proposed. Lateral expansion of an existing mine that has general permit coverage requires the submittal of the Major Modification Form, not a new MNOI. However, modification of the existing SWPPP to include the expansion is required. Discharge of storm water or impounded water associated with mining or the operation of a wastewater recirculation system with no discharge without written notification of coverage from MDEQ is a violation of State Law.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (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.

Please indicate the activities to be covered by this MNOI (check all that apply).

- Storm Water Discharges Associated with Mining Mine Dewatering
 Wastewater Recirculation System with No Discharge

The appropriate section of the MNOI must be completed if the applicant proposes to discharge storm water, discharge impounded mine water (dewatering) and/or operate a wastewater recirculation system with no discharge.

A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit and a United States Geological Survey (USGS) quadrangle map or photocopy, indicating the site location and outfalls must be included with the MNOI submittal. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523. Additional submittals may include the following (check all that apply).

- Section 404 Documentation Notice of Exempt Operations Form
 Dam/Reservoir Safety Permit or Written Authorization

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)

OC

MSR32 _____

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: OWNER OPERATOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Kathy Mangum
OWNER COMPANY LEGAL NAME: Mangum Family LLC
OWNER STREET OR P. O. BOX: 216 Rockwood Rd
OWNER CITY: Star STATE: MS ZIP: 39167
OWNER PHONE #: (601) 540-5916 OWNER EMAIL: Kathlou@me.com

OPERATOR CONTACT INFORMATION

OPERATOR CONTACT PERSON: Charles Williams
OPERATOR COMPANY LEGAL NAME: Mid South Construction : Hauling LLC
OPERATOR STREET OR P. O. BOX: 9310 Natures Trail
OPERATOR CITY: Piloxi STATE: MS ZIP: 39540
OPERATOR PHONE #: (228) 860-7828 OPERATOR EMAIL: Charles@midsouthconstruction.com

INFO

MINE INFORMATION

MINE NAME: Star Mine
MINE SITE ADDRESS (If the physical address is not available, please indicate nearest named road.)
Street: Star Rd
City: Star State: MS County: Rankin Zip: 39167
NE 1/4 OF 5E 1/4 OF SECTION 13, TOWNSHIP 3N, RANGE 2E
MINE SITE TRIBAL LAND ID (N/A If not applicable): N/A
ATTACH A USGS QUAD MAP, EXTENDING 1/2 MILE BEYOND FACILITY, OUTLINING THE MINE BOUNDARIES
(Maps can be obtained from the Mississippi Office of Geology. For information call 601-961-5523).
LATITUDE: 32 degrees 06 minutes 01 seconds LONGITUDE: 90 degrees 02 minutes 24 seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Entrance Gate) or Map Interpolation): Google Earth
TOTAL ACREAGE: 20 MATERIAL TO BE MINED: Sand/dirt
WILL HYDRAULIC DREDGING BE USED? YES NO
WASHING OF SAND/GRAVEL? YES NO

ESTIMATED START DATE: 3/2026
YYYY-MM-DD
SIC CODE _____

ESTIMATED END DATE: 3/2030
YYYY-MM-DD
NAICS CODE _____

RECEIVING STREAM INFORMATION

NEAREST NAMED RECEIVING STREAM: Mountain Creek

IS RECEIVING STREAM ON MISSISSIPPI'S 303(D) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found of MDEQ's website: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) YES NO

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES NO

COMPLETE IF STORM WATER DISCHARGE IS PROPOSED

ATTACH A STORM WATER POLLUTION PREVENTION PLAN (SEE PERMIT FOR REQUIREMENTS)

IDENTIFY THE ASSOCIATION OR GENERIC SWPPP ON FILE AT MDEQ: See Attach

COMPLETE IF WASTEWATER RECIRCULATION SYSTEM WITH NO DISCHARGE IS PROPOSED

DISTANCE BETWEEN RECIRCULATION POND(S) AND PROPERTY LINE: _____ (FT)
(MUST BE AT LEAST 150 FEET)

NUMBER OF RECIRCULATION POND(S): _____ N/A

STORAGE CAPACITY OF EACH RECIRCULATION POND(S): _____ (FT³)

COMPLETE IF MINE DEWATERING IS PROPOSED

ESTIMATED DEWATERING VOLUME: _____ (GAL/DAY) N/A

NAME AND ADDRESS OF THE RECIPIENT OF THE DISCHARGE MONITORING REPORTS (DMRs), IF DIFFERENT FROM SIGNATORY: _____

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

Coverage under this general permit will not be granted until all other required MDEQ permits and approvals are addressed.

WILL THE CONSTRUCTION OR OPERATION OF THIS MINE INVOLVE THE RE-ROUTING, FILLING OR CROSSING OF A WATER CONVEYANCE OF ANY KIND? YES NO

If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements. If the mine requires a Corps of Engineers Section 404 permit, provide appropriate documentation with this MNOI that:

- The mine has been approved by individual permit, or
- The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required.

LIST ANY NPDES PERMIT NO(s) _____ GEOLOGY APPLICATION/PERMIT NO. _____

LIST OTHER GEOLOGY PERMIT NUMBERS THAT APPLY TO COVERAGE AREA _____

IS THE MINE LESS THAN 4 ACRES AND GREATER THAN 1320 FEET FROM ANOTHER MINE?

YES A "Notice of Exempt Operations" Form must be included with the MNOI or proof of prior submission, if previously submitted to the Office of Geology.

NO A "Notice of Intent to Mine Class I or Class II Materials" Form must be filed before coverage will be granted under the Mining General Permit. For information on Office of Geology requirements, call 601-961-5515.

LIST ANY LOCAL STORM WATER ORDINANCES WITH WHICH THE OPERATIONS MUST COMPLY AND SUBMIT ANY ASSOCIATED APPROVAL DOCUMENTATION. N/A

IF IMPOUNDMENTS WILL BE CONSTRUCTED ABOVE NATURAL SURFACE ELEVATIONS, INDICATE WHICH, IF ANY, OF THE FOLLOWING APPLY.

- The impoundment will be constructed with a peripheral dam or levee 8 feet or greater in height, measured from the lowest elevation of its toe.
- The impoundment will have a maximum storage volume greater than 25 acre-feet.
- The impoundment will impound a watercourse with a continuous flow.
- The impoundment has the potential to threaten downstream lives or man-made structures.

If any of the impoundments meet any of the above criteria, the applicant will be required to obtain written authorization from MDEQ, Dam Safety Division before coverage will be granted under the Mining General Permit.

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.

Charles Wilkins 2/19/14
Authorized Signature Date

Charles Wilkins owner
Printed Name Title

This application shall be signed according to the General Permit, Act 15, T-4 as follows:

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

Please submit this form to: Chief, Environmental Permits Division
MDEQ, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

STORMWATER POLLUTION PLAN(SWPPP)

SITE INFORMATION: The mining of dirt and associated roads will disturb approximately 20 acres. This site will be a minimal erosion hazard as we are only leveling the tops of hills, we will not be digging a hole or affecting any existing drainage. This site will drain to the East and North east, and the property as a whole drains North. Army Corp. of Engineers were notified Representatives of U.S. Army Corps visited site and conducted a field review. Based on their evaluation, no wetlands or waters of the United States were identified within the limits of disturbance, and the proposed dirt mining activities will not impact any jurisdictional wetlands.

VEGETATIVE CONTROLS: A 50-foot undisturbed vegetative buffer will be maintained around the perimeter of the site. Existing trees will be preserved where possible. All diversions will be seeded within 7 days of construction. Any disturbed areas that will be left undisturbed for 30 days or more will be temporarily seeded with 7 calendar days. After final grading all disturbed areas will be permanently seeded with a mixture of Rye and Bahia seed at 50 pounds per acre immediately. We will keep a tractor and pan on site for this project for reclamation purposes, the reclamation will stay concurrent with the mining.

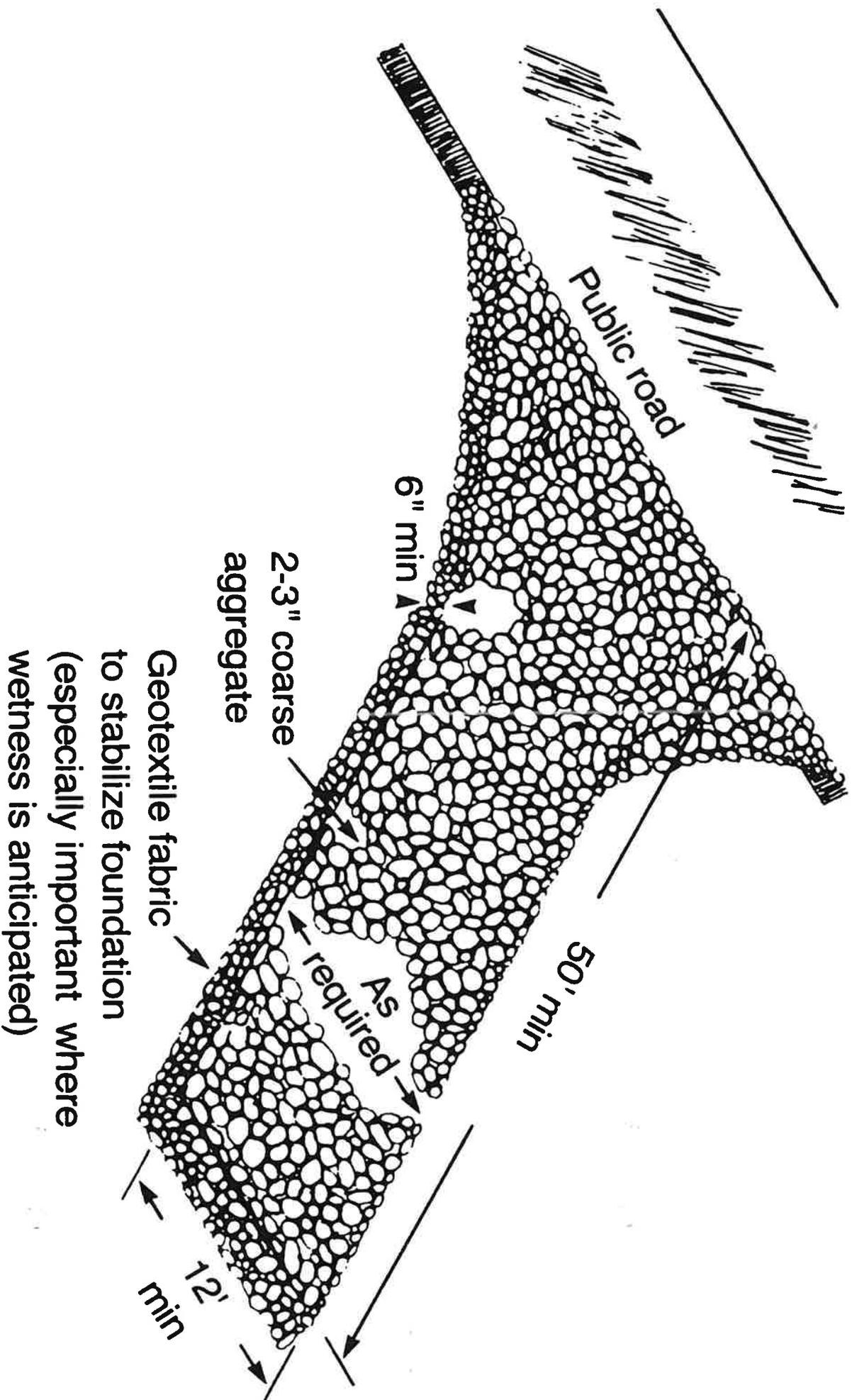
STRUCTURE CONTROLS: Silt fences and/or hay and seed and/or brush piles or any combination will be installed at any stormwater entrances and slopes. All topsoil stockpiles will be immediately temporary seeded and completely surrounded with silt fence. We will mine from North to South in this project so water will be forced to fall East and North East. We are leveling the tops of hills so we will not be disturbing or rerouting any waterways.

HOUSEKEEPING PRACTICES: All truck and equipment maintenance and repair will be done off site. Trash cans will be placed at accessible locations throughout the site. Toxic materials will not be stored on site. Portable sanitary facilities will be provided for construction workers. There will be no concrete, stucco, washouts construction materials, soaps, solvents, oils, wastewater from sanitary facilities on this project.

POST CONSTRUCTION/STORMWATER MANAGEMENT MEASURES: Grass, hay, rip rap, will be used at any concentrated stormwater discharge points to prevent erosion. IMPLEMENTATION SEQUENCE: 1-Build construction entrance/exit It shall be maintained in a condition which will prevent tracking or flow of mud onto public road. This will require periodic top dressing with 1.5-3.5-inch stone. Sweep paved roads daily to remove dirt and stone. See attached. 2-contour and rip rap intermittent drainage. 3-Rough grade site, construct diversions for drainage ways. 4-Install silt fences and hay 5-plant any needed temporary vegetation on disturbed areas. 6-After site is stabilized remove all temporary measures and vegetate these areas. All slopes will be no greater than 3:1

MAINTENANCE PLAN: Check all disturbed areas and erosion controls after each significant rainfall, but not less than once a week. Make all needed repairs within 24 hours of inspection. Replace all nonfunctional silt fences immediately. Maintain all vegetated areas by reseeding,

fertilizing, and mulching as needed. Remove sediment from silt fences when it has reached 1/3 of capacity.



Surface Mine – Yearly Mining & Concurrent Reclamation Schedule

Mining Period: March 2026 – December 2029 | Reclamation Period: March 2026 – March 2030

Yearly Mining Plan

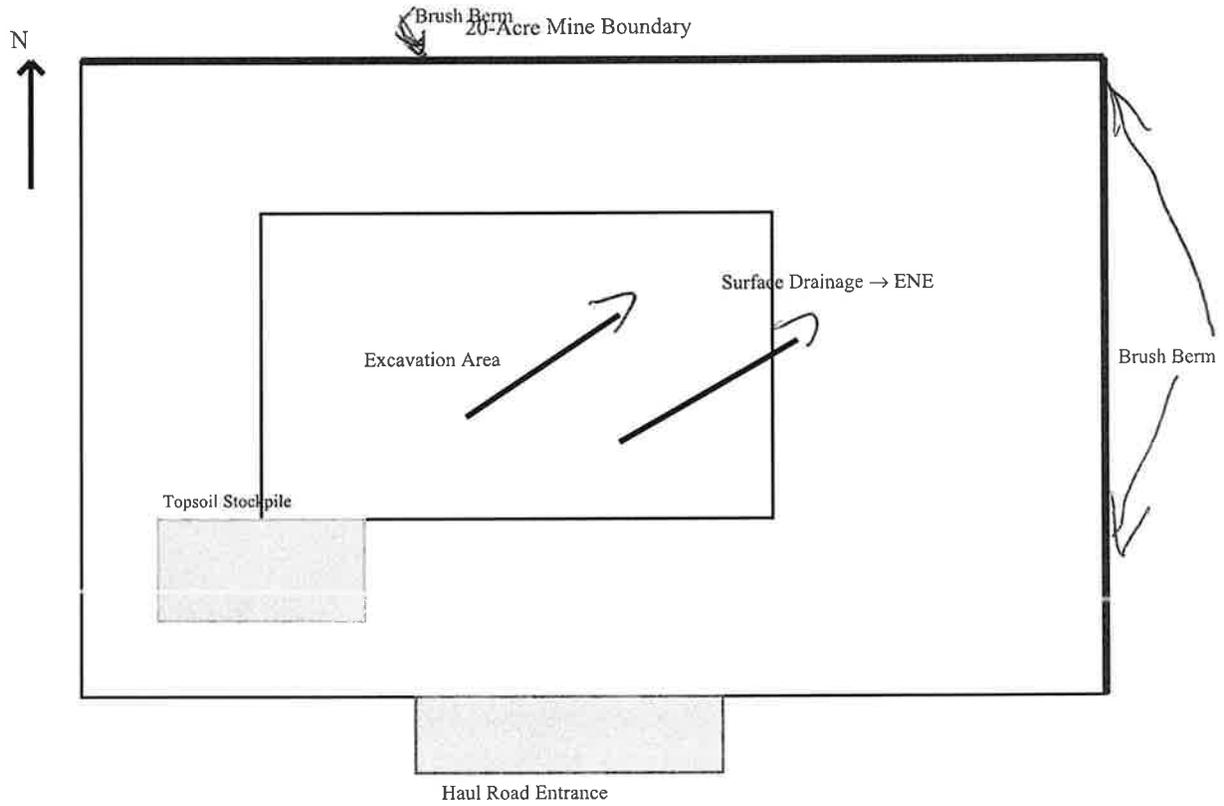
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Jan–Dec 2027	Advance mining into Phase 2; complete extraction in Phase 1; begin rough grading of Phase 1.
Jan–Dec 2028	Continue mining in Phase 3; complete extraction in Phase 2; stabilize previously mined areas.
Jan–Dec 2029	Complete mining in final phase; finish extraction in Phase 3; prepare areas for final reclamation.

Yearly Reclamation Plan (Concurrent)

Timeframe	Reclamation Activities
Mar–Dec 2026	Stabilize topsoil stockpiles; temporary seeding as needed.
Jan–Dec 2027	Reclaim Phase 1: final grading, topsoil replacement, seeding.
Jan–Dec 2028	Reclaim Phase 2; maintain vegetative cover and repair erosion.
Jan–Dec 2029	Reclaim Phase 3; complete grading and establish permanent vegetation.
Jan–Mar 2030	Final reclamation of Phase 4; site stabilization and close-out.

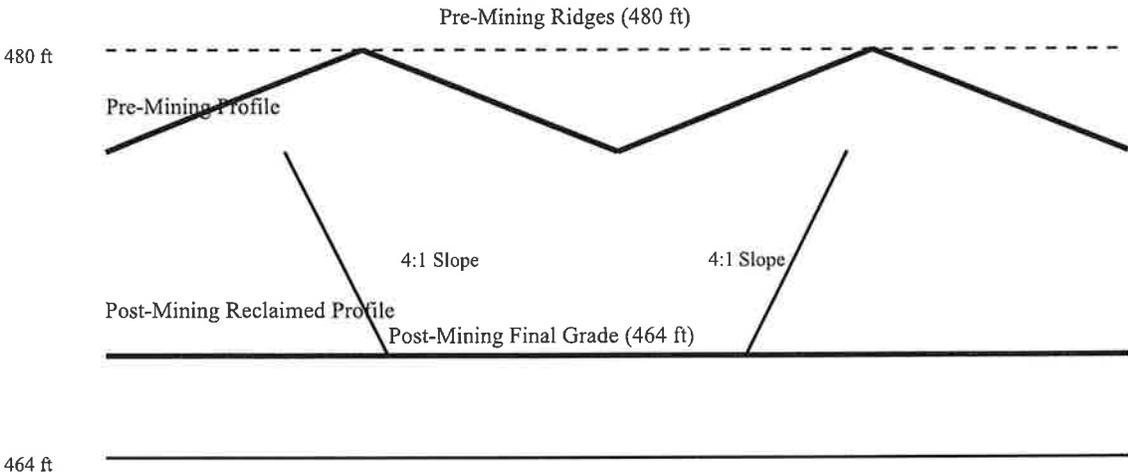
20-Acre Surface Mine – Site Plan

Surface drainage flows East / North-East



Pre- and Post-Mining Elevation Profile

Pre-Mining Ridge Elevation: 480 ft
Post-Mining Final Ground Elevation: 464 ft
All final reclaimed slopes graded to 4:1 or flatter



Dear Mr. James Matheny:

This email is in response to your request for review of possible Department of the Army regulatory requirements for the Pierce Construction and Contract Hauling, Incorporated/Star Mine AI # 87437, Rankin County, Mississippi.

Based upon the information furnished (enclosure 1), we have determined that a Department of the Army Section 10/404 permit will not be required for the proposed work, since all potentially jurisdictional wetlands and/or other waters of the United States will be avoided. In the event project plans are changed, or if you anticipate any additional construction, please contact this office for a reevaluation of permit requirements and refer to Identification No. MVK-2025-84 when submitting the information. In addition, we are not addressing geographic jurisdiction.

This determination of Department of the Army regulatory requirements does not convey any property rights, either in real estate or material or any exclusive privileges and does not authorize any injury to property or invasion of rights or local laws or regulations or obviate the requirement to obtain state or local assent required by law for the activity discussed herein.

If we may be of any further assistance in this matter, please contact Mr. Paul Baham, of this office, telephone (601) 631-5588, or e-mail address: paul.w.baham@usace.army.mil.

GPS Coordinates – Surface Mining Areas

This document is submitted as an attachment to the MDEQ Surface Mining Permit application. The following GPS coordinates define the boundaries of the proposed disturbance areas, including the Front Ridge Mining Area (6 acres), Haul Road (5 acres), and North Mining Area (8 acres). Total proposed disturbance area is approximately 19 acres.

1. Front Ridge Mining Area – 6 Acres

Corner	Latitude	Longitude
NE Corner	32° 06' 01.73" N	90° 02' 24.97" W
NW Corner	32° 06' 00.89" N	90° 02' 30.90" W
SW Corner	32° 05' 54.95" N	90° 02' 26.30" W
SE Corner	32° 05' 57.29" N	90° 02' 23.10" W

2. Haul Road – 5 Acres

Corner	Latitude	Longitude
NE Corner	32° 06' 03.75" N	90° 02' 33.56" W
NW Corner	32° 06' 02.78" N	90° 02' 34.42" W
SW Corner	32° 05' 47.90" N	90° 02' 22.82" W
SE Corner	32° 05' 48.70" N	90° 02' 21.97" W

3. North Mining Area – 8 Acres

Corner	Latitude	Longitude
NE Corner	32° 06' 08.70" N	90° 02' 38.62" W
NW Corner	32° 06' 06.25" N	90° 02' 44.11" W
SE Corner	32° 06' 02.85" N	90° 02' 34.15" W
SW Corner	32° 06' 00.35" N	90° 02' 36.35" W