

AI: 88547



Rec'd via email:
03/21/2025

MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

**MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER
MINING STORM WATER, DEWATERING AND NO DISCHARGE
GENERAL PERMIT MSR32 _ _ _ _
(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)

O.C

MSR32 _____

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: OWNER OPERATOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: _____

OWNER COMPANY LEGAL NAME: _____

OWNER STREET OR P. O. BOX: _____

OWNER CITY: _____ STATE: _____ ZIP: _____

OWNER PHONE #: (_____) _____ OWNER EMAIL: _____

OPERATOR CONTACT INFORMATION

OPERATOR CONTACT PERSON: _____

OPERATOR COMPANY LEGAL NAME: _____

OPERATOR STREET OR P. O. BOX: _____

OPERATOR CITY: _____ STATE: _____ ZIP: _____

OPERATOR PHONE #: (_____) _____ OPERATOR EMAIL: _____

MINE INFORMATION

MINE NAME: _____

MINE SITE ADDRESS (If the physical address is not available, please indicate nearest named road.)

Street: _____

City: _____ State: _____ County: _____ Zip: _____

_____/4 OF _____/4 OF SECTION _____, TOWNSHIP _____, RANGE _____

MINE SITE TRIBAL LAND ID (N/A If not applicable): _____

ATTACH A USGS QUAD MAP, EXTENDING ½ MILE BEYOND FACILITY, OUTLINING THE MINE BOUNDARIES
(Maps can be obtained from the Mississippi Office of Geology. For information call 601-961-5523).

LATITUDE: ____ degrees ____ minutes ____ seconds LONGITUDE: ____ degrees ____ minutes ____ seconds

LAT & LONG DATA SOURCE (GPS (Please GPS Entrance Gate) or Map Interpolation): _____

TOTAL ACREAGE: _____ MATERIAL TO BE MINED: _____

WILL HYDRAULIC DREDGING BE USED? YES NO

WASHING OF SAND/GRAVEL? YES NO

ESTIMATED START DATE: _____

YYYY-MM-DD

ESTIMATED END DATE: _____

YYYY-MM-DD

SIC CODE _____

NAICS CODE _____

RECEIVING STREAM INFORMATION

NEAREST NAMED RECEIVING STREAM: _____

IS RECEIVING STREAM ON MISSISSIPPI'S 303(D) LIST OF IMPAIRED WATER YES NO

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)

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: _____

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): _____

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

COMPLETE IF MINE DEWATERING IS PROPOSED

ESTIMATED DEWATERING VOLUME: _____ (GAL/DAY)

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. _____

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.

Justin Walters

Authorized Signature¹

Date

Printed Name

Title

¹This 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

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY
Mining and Reclamation Division
P. O. Box 2279
Jackson, Mississippi 39225-2279
(601) 961-5515

NOTICE OF EXEMPT OPERATION

This form shall be filed with the Office of Geology, Mining and Reclamation Division **only** for operations affecting **4** acres or less **and greater** than **1320** feet from another mine. **NOTE:** Local, county, federal or other state agencies may also require permits before mining can be done on your site. This is *your* responsibility.

Name of applicant/operator: R&J Construction - Justin Walters - Mine Name: Sheppard Mine
Mailing address: P.O. Box 6
Laurel, MS 39441
Telephone number: 601-580-1198

Do you have any **other** exempt mining operations on file? yes no
Do you plan to file for a **permit** and expand this site later? yes no

LOCATION

Center of 4-Acre Mine: 32 16' 52.19", -89 54 20.46", Gate Entrance: 32 16' 51.23", -89 54' 26.35"

SE 1/4 of SE 1/4 of Section 8, Township 5N Range 4E County Rankin

Include a map or aerial photo marked with site location with this form.

Name of land owner: Kathryn A. Sheppard
Mailing address: 186 Rankin Road
Brandon, MS 39042
Telephone number 601-941-8786

Date operation to begin 04-07-2025 Date operation to end (estimated) 04-07-2026
Material to be mined clay, sand, gravel Number of acres to be mined 4 (A)*
Total acres to be affected by operation (mine, roads, storage, etc.) 4 (B)*
Is operation **closer** than 1,320 feet (1/4 mile) to another mine? no yes*

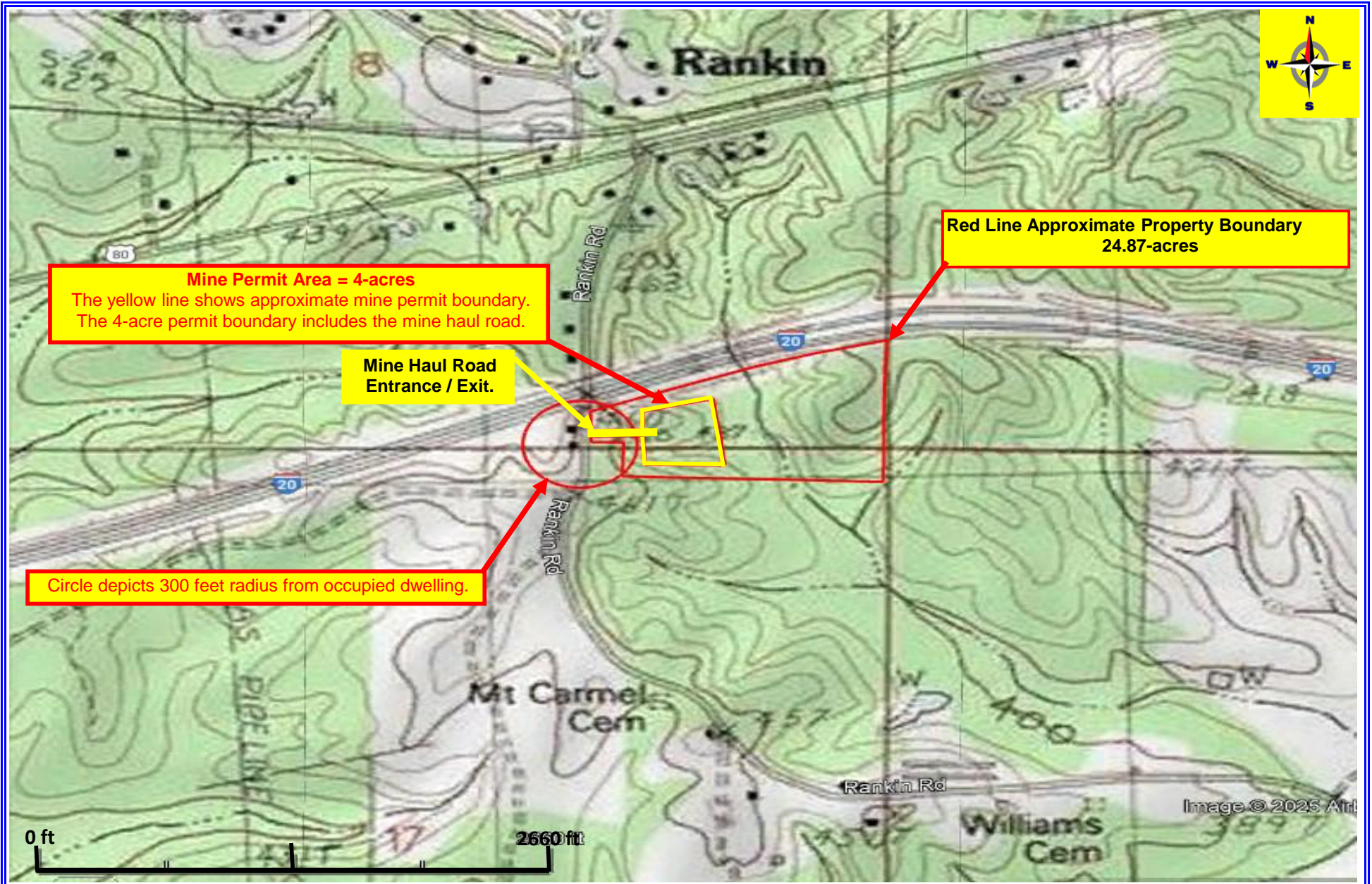
***If items A or B exceed 4 acres or you answered YES above, you need to apply for a MINING PERMIT.**

Applicant/operator: Justin Walters By *Justin Walters*
Signature

Date: 03-20-2025 Position Vice President

For Office of Geology use only

Date: _____ By _____
Division Director
Mining and Reclamation Division



Topo 4-Acre Mine
R&J - Sheppard Mine
Rankin Road
Brandon, MS 39402
Forrest County

Reference: Brandon 7.5 Minute Quadrangle
S8-T5N-R4W, 31.281909, -89.904845
Rankin County, MS

Date:	3/20/2025	Project #	R & J Mine
Scale:	See Map	Figure:	1



BMP - No Discharge
Blue Arrows Indicate Direction of Storm Water Flow.
 High walls will be established downgradient and around the perimeter of the active mining area using natural elevation and mine haul road to capture Storm Water. The mining area will serve as settling basin allowing storm water to evaporate and permeate the base/floor of active mining area and not discharge offsite.



Mine Permit Area = 4-acres
 The white line shows mine permit boundary. The 4-acre permit boundary includes the mine haul road.

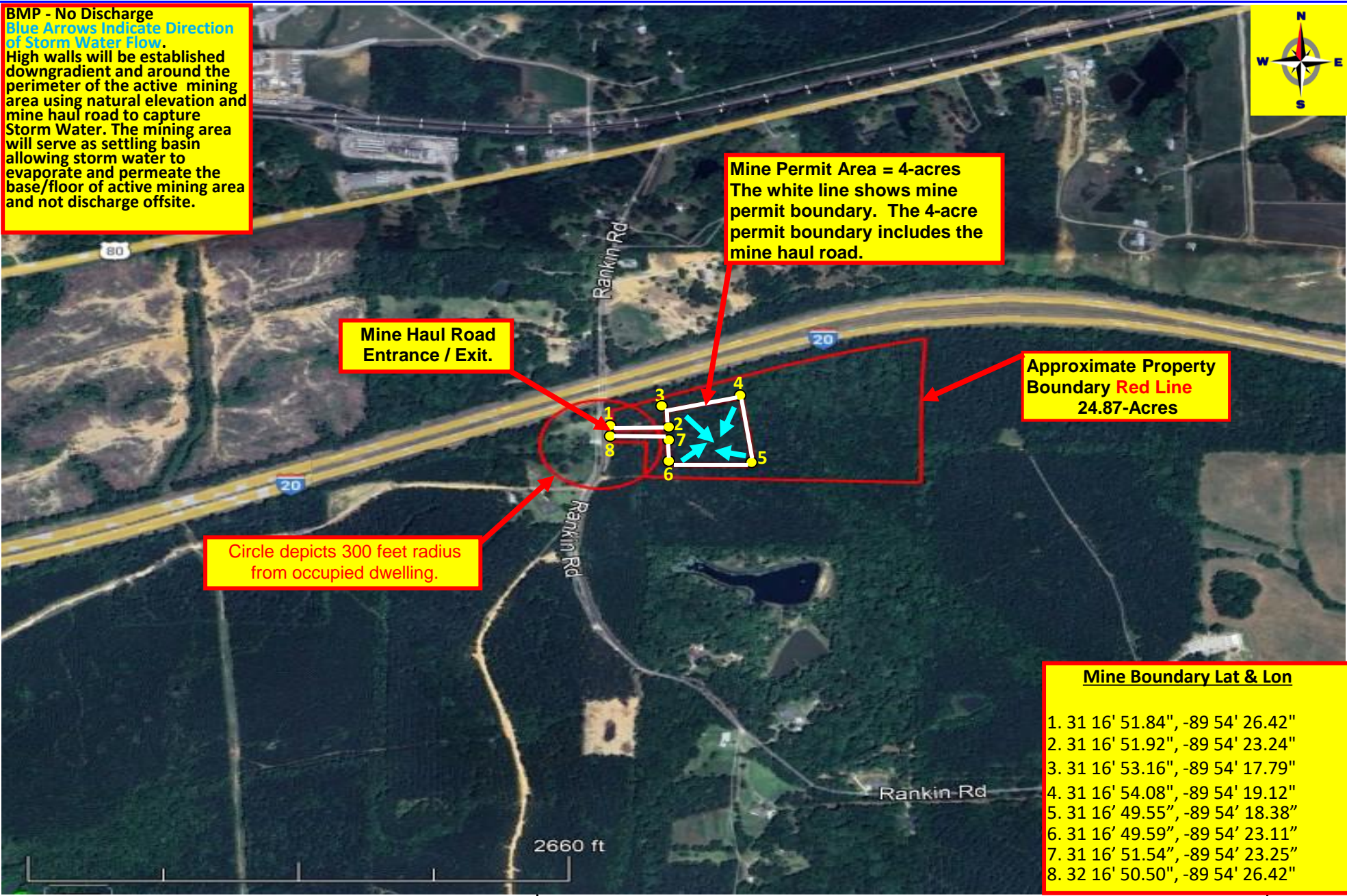
Mine Haul Road Entrance / Exit.

Approximate Property Boundary Red Line
24.87-Acres

Circle depicts 300 feet radius from occupied dwelling.

Mine Boundary Lat & Lon

1.	31 16' 51.84"	-89 54' 26.42"
2.	31 16' 51.92"	-89 54' 23.24"
3.	31 16' 53.16"	-89 54' 17.79"
4.	31 16' 54.08"	-89 54' 19.12"
5.	31 16' 49.55"	-89 54' 18.38"
6.	31 16' 49.59"	-89 54' 23.11"
7.	31 16' 51.54"	-89 54' 23.25"
8.	32 16' 50.50"	-89 54' 26.42"



Aerial 4-Acre Mine Layout
 R&J - Sheppard Mine
 Rankin Road
 Brandon, MS 39402
 Rankin County

Direction of stormwater flow
 Reference: Google Earth Aerial
 S8-T5N-R4W, 31.281909, -89.904845
 Rankin County, MS

Date:	3/20/2025	Project #	R&J Mine
Scale:	See Map	Figure:	2





Rankin Co Ownership Map
 R&J - Sheppard Mine
 Rankin Road
 Brandon, MS 39402
 Rankin County

Reference: Rankin County Property Ownership Map
 S8-T5N-R4W, 31.281909, -89.904845
 Rankin County, MS

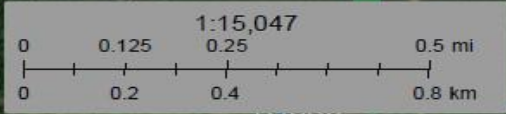
Date:	3/20/2025	Project #	R&J Mine
Scale:	See Map	Figure:	3





U.S. Fish and Wildlife Service National Wetlands Inventory

Wetlands



March 21, 2025

- | | | |
|--------------------------------|-----------------------------------|----------|
| Wetlands | Freshwater Emergent Wetland | Lake |
| Estuarine and Marine Deepwater | Freshwater Forested/Shrub Wetland | Other |
| Estuarine and Marine Wetland | Freshwater Pond | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

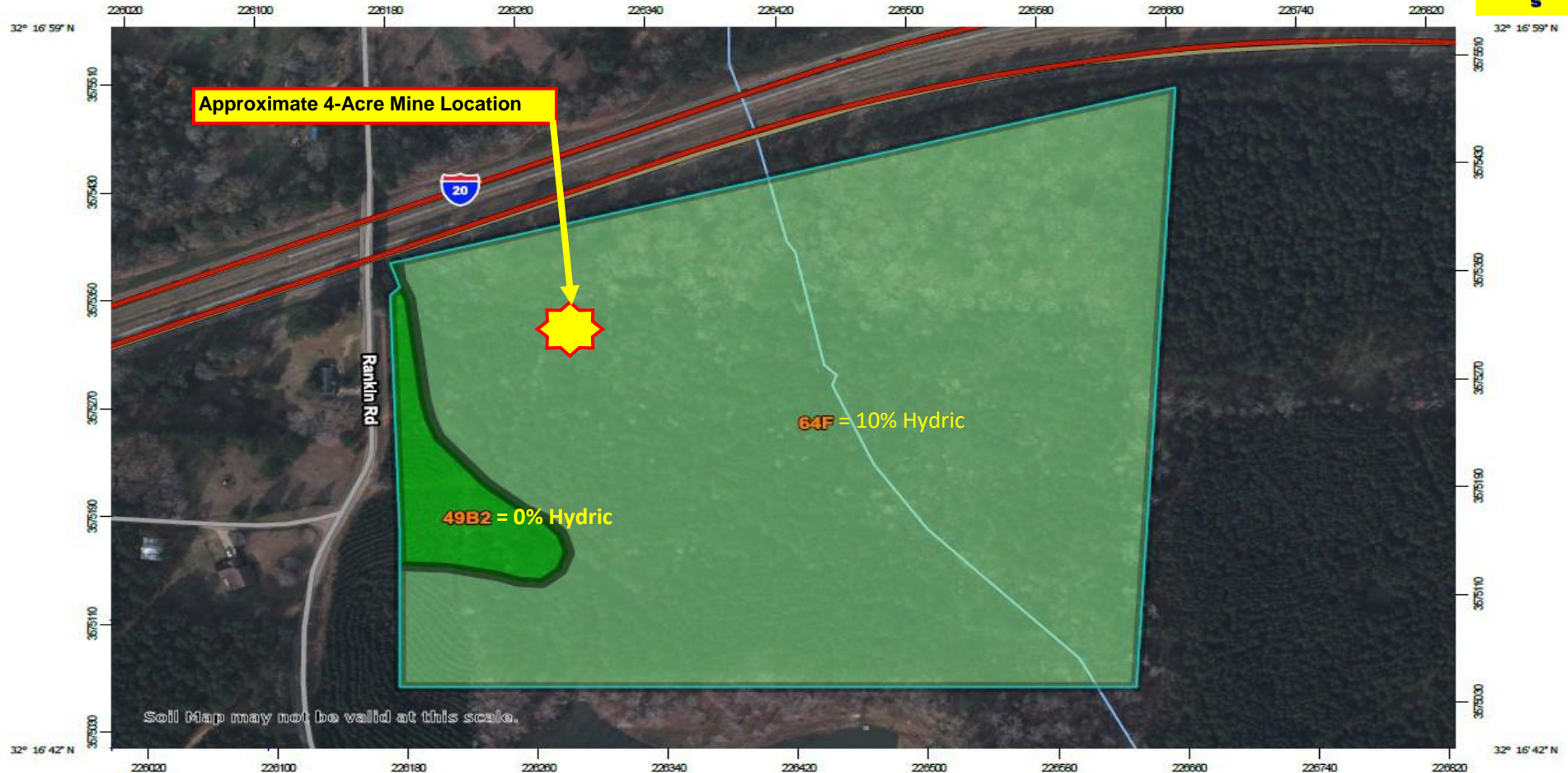
Rankin Co Ownership Map
R&J - Sheppard Mine
Rankin Road
Brandon, MS 39402
Rankin County

Reference: USFWS National Wetlands Inventory
S8-T5N-R4W, 31.281909, -89.904845
Rankin County, MS

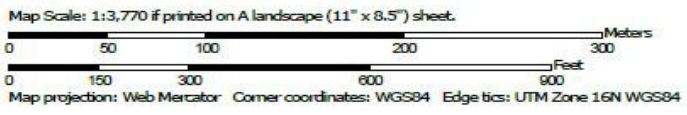
Date: 3/20/2025	Project # R&J Mine
Scale: See Map	Figure: 4



Hydric Rating by Map Unit—Rankin County, Mississippi



Soil Map may not be valid at this scale.



Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
49B2	Savannah loam, 2 to 5 percent slopes, eroded	0	2.3	5.2%
64F	Smithdale-Providence association, 8 to 35 percent slopes	10	41.5	94.8%
Totals for Area of Interest			43.8	100.0%



Web Soil Survey
National Cooperative Soil Survey

Rankin Co Ownership Map
R&J - Sheppard Mine
Rankin Road
Brandon, MS 39402
Rankin County

Reference: Rankin County Property Ownership Map
S8-T5N-R4W, 31.281909, -89.904845
Rankin County, MS

Date: 3/20/2025 Project # R&J Mine
Scale: See Map Figure: 5





Driving Map Mine
 R&J - Sheppard Mine
 Rankin Road
 Brandon, MS 39402
 Rankin County

Reference: Google Maps
 S8-T5N-R4W, 31.281909, -89.904845
 Rankin County, MS

Date:	3/20/2025	Project #	R&J Mine
Scale:	NTS	Figure:	6

