

Key, LLC

ENGINEERS - CONSTRUCTORS

Post Office Box 590 - 219 Key Drive (39110)

MADISON, MS 39130-0590

601-898-9892

Fax 601-898-9896

RECEIVED

NOV 02 2023

Dept. of Environmental Quality

October 30, 2023

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

ATTN: Office of Pollution Control

PO Box 2261

Jackson, MS 39225

**RE: MDOT Proj. No. BR-0037-04(059)
Yazoo County, MS; Mining Notice of Intent for Coverage Under
Mining Storm Water, Dewatering and No Discharge General
Permit**

Dear Division Director:

Enclosed please find Key, LLC's Mining Notice of Intent for Coverage Under Mining Storm Water, Dewatering and No Discharge General Permit form, and accompanying attachments for the use of a borrow pit for the MDOT project referenced above.

Please call me if you have any questions.

Sincerely,

Key, LLC



Browning Bergold, E.I.

Field Engineer

AI:85400



MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

Coverage #:
MSR323039

**MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER
MINING STORM WATER, DEWATERING AND NO DISCHARGE
GENERAL PERMIT MSR32 **3039**
(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 3039

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☐ OWNER ☒ OPERATOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Clay McConnell
OWNER COMPANY LEGAL NAME: _____
OWNER STREET OR P. O. BOX: 942 Belle Air Circle
OWNER CITY: Yazoo City STATE: MS ZIP: 39194
OWNER PHONE #: (662) _____ OWNER EMAIL: cmcconnellmsu75@gmail.com

OPERATOR CONTACT INFORMATION

OPERATOR CONTACT PERSON: Browning Bergold
OPERATOR COMPANY LEGAL NAME: Key, LLC
OPERATOR STREET OR P. O. BOX: 219 Key Drive
OPERATOR CITY: Madison STATE: MS ZIP: 39110
OPERATOR PHONE #: (601) 383-4961 OPERATOR EMAIL: browningb@keyllc.com

MINE INFORMATION

MINE NAME: McConnell Pit
MINE SITE ADDRESS (If the physical address is not available, please indicate nearest named road.)
Street: 5126-5540 US-49E
City: Yazoo City State: MS County: Yazoo Zip: 39194
SW 1/4 /4 OF NW 1/4 /4 OF SECTION 02, TOWNSHIP 12N, RANGE 2W
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 54 minutes 56 seconds LONGITUDE: 90 degrees 22 minutes 46 seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Entrance Gate) or Map Interpolation): Google Earth
TOTAL ACREAGE: 1.42 MATERIAL TO BE MINED: Borrow Excavation
WILL HYDRAULIC DREDGING BE USED? ☐ YES ☒ NO
WASHING OF SAND/GRAVEL? ☐ YES ☒ NO

ESTIMATED START DATE: 2023-12-04

YYYY-MM-DD

ESTIMATED END DATE: 2024-07-03

YYYY-MM-DD

SIC CODE

NAICS CODE

RECEIVING STREAM INFORMATION

NEAREST NAMED RECEIVING STREAM: Piney 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:

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.

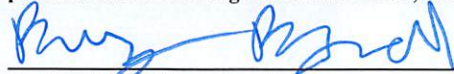
LIST ANY LOCAL STORM WATER ORDINANCES WITH WHICH THE OPERATIONS MUST COMPLY AND SUBMIT ANY ASSOCIATED APPROVAL DOCUMENTATION. _____

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.



Authorized Signature¹

10/30/2023

Date

Browning Bergold

10/30/2023

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

Key, LLC – McConnell Pit – Storm Water Pollution Prevention Plan (SWPPP)

Site Information

Key, LLC will utilize the McConnell Pit for construction of MDOT Federal Aid Project No BR-0037-04(059) in Yazoo County, Mississippi for borrow excavation on the project which will disturb a total of 2 acres. The site has a low erosion hazard. The site drains to Piney Creek, which is not on the 303(d) list for siltation, turbidity or habitat alterations, therefore additional controls that are warranted for a site discharging to listed receiving streams are not required.

Controls

Vegetative Controls: A 15-foot undisturbed vegetative buffer zone will be maintained around the perimeter of the site. Existing trees will be preserved where possible. All diversions will be seeded (permanent seeding) within seven calendar days of construction. Topsoil will be stockpiled. Grass-lined waterways will be constructed and lined with temporary straw-net liners and will be constructed around excavations. All 3:1 cut slopes will be roughened by disking prior to seeding. The slopes will be seeded with Bermuda grass. Any disturbed areas that will be left undisturbed for 14 or more days will be seeded (temporary seeding) within seven calendar days. After final grading, all disturbed areas will be seeded (permanent seeding) within seven calendar days.

Structural Controls: All perimeters of the construction activity will be surrounded by earthen berm/brush barriers and silt fence on a needed basis. Sediment basins will be installed to collect surface water before allowing it to leave the project. Sediment basin shall be 50'x45'x4' capable of 9,000 cf of storage for the anticipated 1 acre of drainage. A construction entrance will be installed at the Piney Creek RV Park entrance, which will be lined with silt fence. Post construction controls will be accomplished through creating slopes contoured to grade to drain. All slopes are to be a minimum of 3:1 and will be grassed accordingly.

Housekeeping Practices. All equipment maintenance and repair will be done offsite. Trash cans will be placed at convenient locations throughout the site. The main trash collection bin will be located onsite and disposed of weekly by the contractor. Paints, solvents, fertilizers, or any other potentially toxic materials will not be stored onsite. Portable sanitary facilities will be provided for construction workers. There will be no concrete truck wash off.

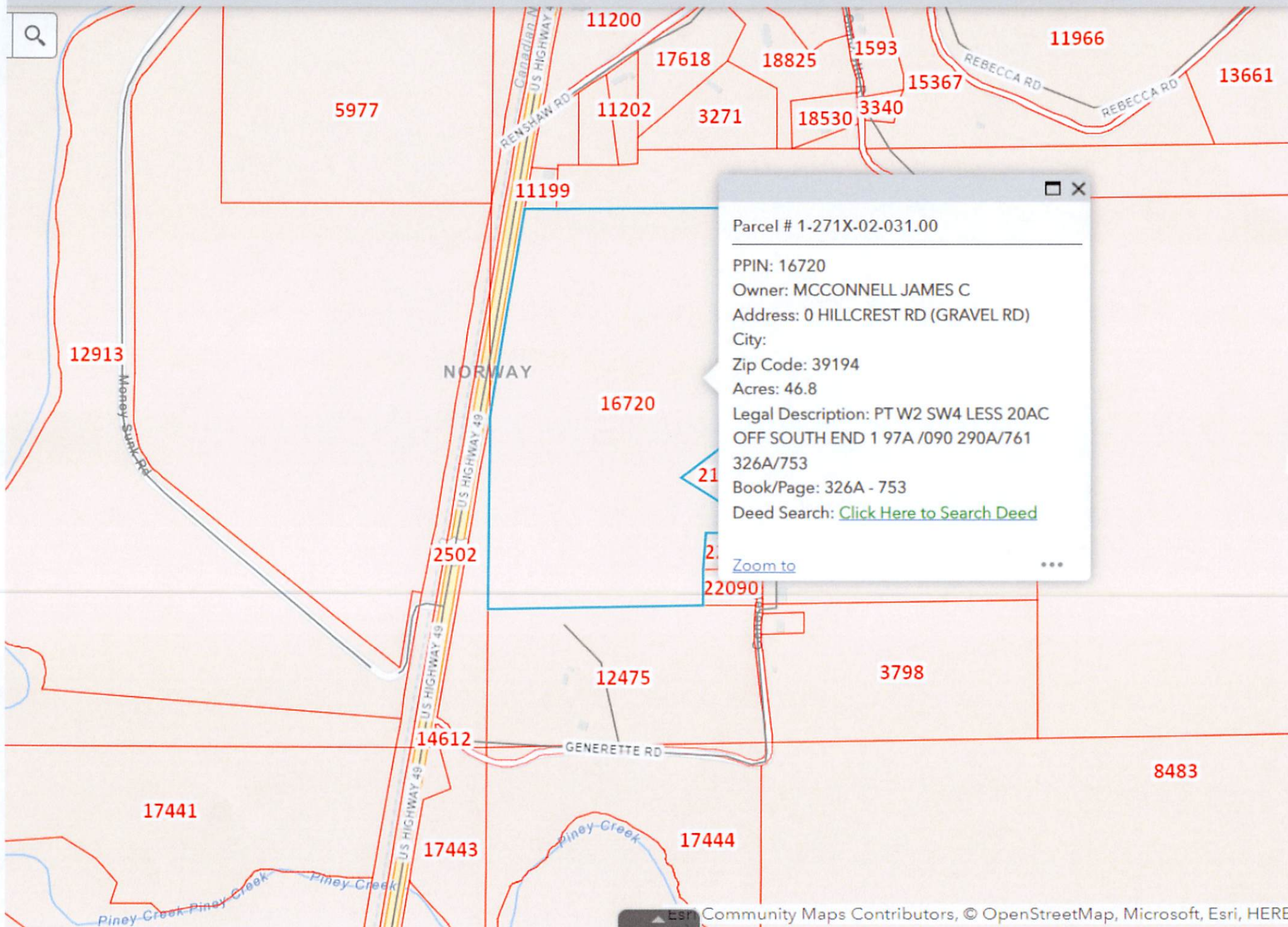
Post Construction/Storm Water Management Measures: The temporary sediment basin will be converted to a detention basin as needed after construction. Riprap will be placed as needed at concentrated storm water discharge points to prevent erosion from high runoff velocities.

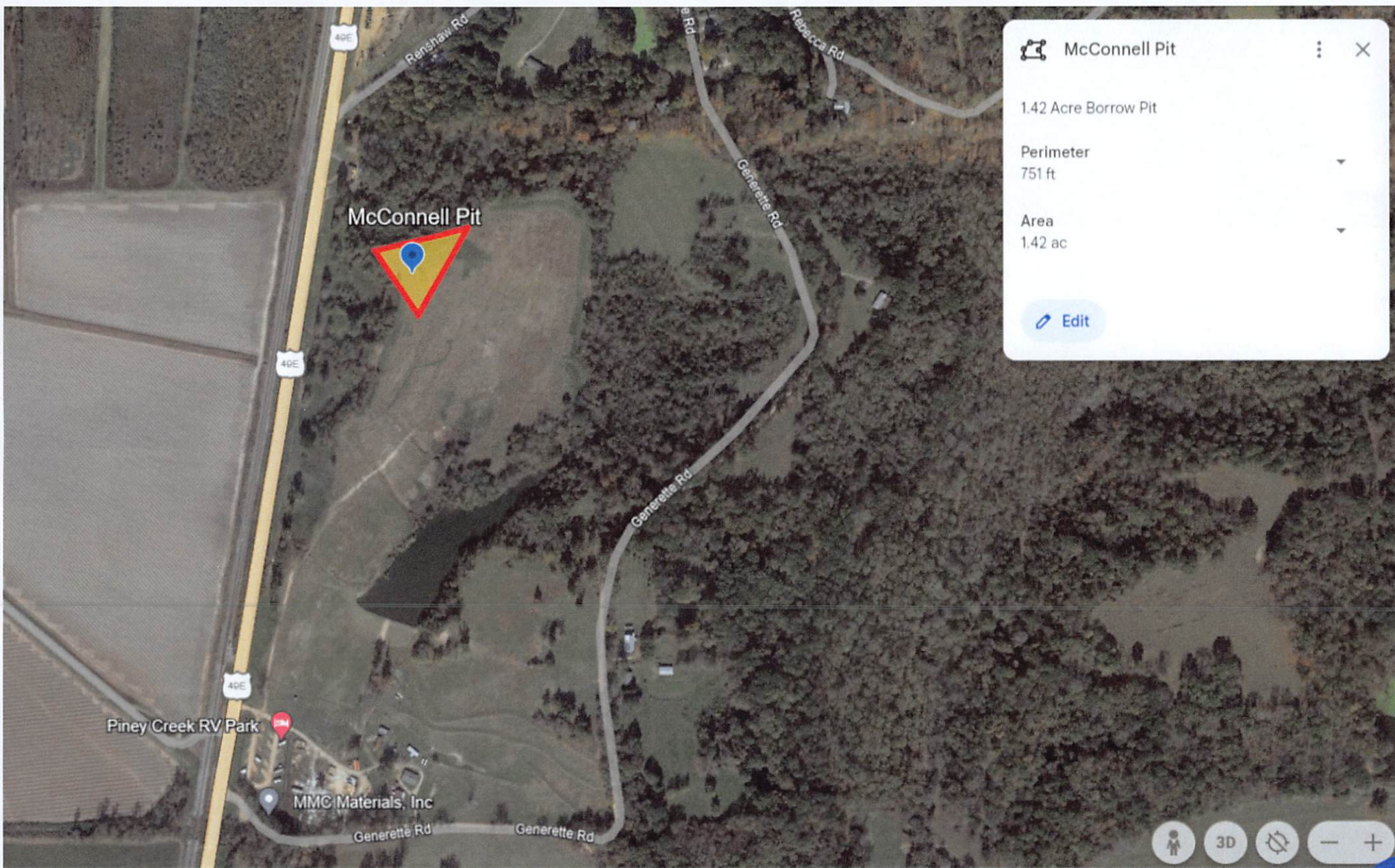
Implementation Sequence

1) build construction entrance/exit. 2) install sediment basin with needed riprap as needed. 3) contour and riprap intermittent drainage way as needed. 4) rough grade site, construct diversions and drainage ways, stockpile topsoil and install silt fence around stockpile, install culverts with inlet/outlet protection (silt fence), level spreader and riprap. 5) plant needed temporary vegetation on disturbed areas. 6) excavate material. 7) finish slopes around excavation, roughen slopes and vegetate. 8) after site is stabilized, remove all temporary measures, vegetating these areas, and convert sediment basin to a detention basin.

Maintenance Plan

Check all disturbed areas and BMP's after each significant rainfall but not less than once per week. Make needed repairs within 24 hours. Remove sediment from the basin, inlet protection devices and silt fences when accumulated sediment has reached 1/3 to 1/2 height and 50% capacity of the sediment basin. Replace non-functional silt fence. Maintain all vegetated areas to provide proper ground cover - reseed, fertilize, and mulch as needed.





McConnell Pit



1.42 Acre Borrow Pit

Perimeter

751 ft



Area

1.42 ac



Edit