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MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

RECEIVED
DEC 5 2022

MDEQ

**MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER
MINING STORM WATER, DEWATERING AND NO DISCHARGE
GENERAL PERMIT MSR32 1 5 5 5
(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)

MSR32 1556

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☐ OWNER ☒ OPERATOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Dave Porter 60111
OWNER COMPANY LEGAL NAME: Key Crete, LLC
OWNER STREET OR P. O. BOX: PO BOX 590
OWNER CITY: Madison STATE: MS ZIP: 39130
OWNER PHONE #: (601) 441-7097 OWNER EMAIL: dporter@keyllc.com

OPERATOR CONTACT INFORMATION

OPERATOR CONTACT PERSON: Dave Porter
OPERATOR COMPANY LEGAL NAME: Key, LLC
OPERATOR STREET OR P. O. BOX: PO BOX 590
OPERATOR CITY: Madison STATE: MS ZIP: 39130
OPERATOR PHONE #: (601) 441-7097 OPERATOR EMAIL: dporter@keyllc.com

MINE INFORMATION

MINE NAME: Stuckey Mine (MDEQ Surface Mining General Permit No. P06-006)

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

Street: 1909 US-51

City: Gluckstadt

State: MS

County: Madison

Zip: 39110

E 1/2, E1/2 /4 OF SW 1/4 /4 OF SECTION 22, TOWNSHIP 8N, RANGE 2E

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

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: 32 degrees 31 minutes 22 seconds LONGITUDE: -90 degrees 4 minutes 54 seconds

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

TOTAL ACREAGE: Approx. 9.5 MATERIAL TO BE MINED: Borrow Excavation

WILL HYDRAULIC DREDGING BE USED? ☐ YES ☒ NO

WASHING OF SAND/GRAVEL? ☐ YES ☒ NO

ESTIMATED START DATE: March 1, 2023

YYYY-MM-DD

ESTIMATED END DATE: March 1, 2025

YYYY-MM-DD

SIC CODE _____

NAICS CODE 238910

RECEIVING STREAM INFORMATION

NEAREST NAMED RECEIVING STREAM: Bear Creek

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: See Stuckey Mine's General Mining Stormwater

Coverage No. MSR321555. This original coverage is being amended with the current application and proposed SWPPP. Key, LLC maintains

an active Surface Mining General Permit No. P06-006 for the Stuckey Mine site.

COMPLETE IF WASTEWATER RECIRCULATION SYSTEM WITH NO DISCHARGE IS PROPOSED

DISTANCE BETWEEN RECIRCULATION POND(S) AND PROPERTY LINE: n/a (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: n/a (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 This mine is already covered under
Surface Mining General Permit No. P06-006.

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. Application and SWPPP with City of Gluckstadt pending

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

Dave Porter, Key, LLC
Printed Name

December 1, 2022
Date

General Counsel
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



State of Mississippi

TATE REEVES
Governor

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

CHRIS WELLS, EXECUTIVE DIRECTOR

February 03, 2021

Key, LLC
Mr. Paul McPhail
P. O. Box 590 - 219 Key Drive
Madison, MS 39130-0590

Dear Mr. McPhail:

Your Surface Mining Permit No. P06-006 for 15 acres in Madison County, Mississippi, has been renewed. The new expiration date is 03/21/26.

Sincerely,

A handwritten signature in cursive script, reading "David Dockery".

David Dockery, RPG
State Geologist and Director
MDEQ Office of Geology

OFFICE OF GEOLOGY

POST OFFICE BOX 2279 • JACKSON, MISSISSIPPI 39225-2279 • TEL: (601) 961-5500 • FAX: (601) 961-5521 • www.mdeq.ms.gov

Facebook: @mdeq.ms • Twitter: @MDEQ • Instagram: @MDEQ

AN EQUAL OPPORTUNITY EMPLOYER

**State of Mississippi
Surface Mining and Reclamation
PERMIT**

TO CONDUCT SURFACE MINING OPERATIONS
IN ACCORDANCE WITH THE
MISSISSIPPI SURFACE MINING AND RECLAMATION LAW
MISS. CODE ANN. § 53-7-1 ET SEQ.

THIS CERTIFIES THAT

Key, LLC

has been granted permission to
conduct surface mining operations in accordance with the requirements and conditions
set forth herein in the operation of the

**Stuckey Mine
Madison County, Mississippi.**

This permit is issued in accordance with the provisions of the Mississippi Surface Mining and
Reclamation Law, Miss. Code Ann. § 53-7-1 et seq., and the regulations and standards adopted
and promulgated thereunder.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

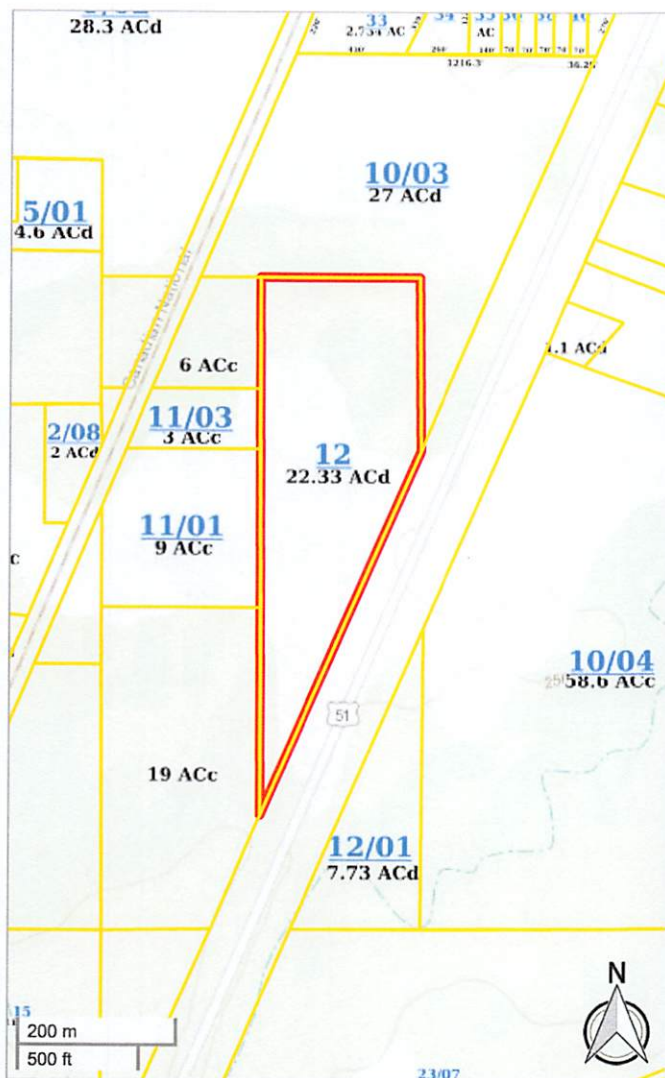


AUTHORIZED SIGNATURE

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Issued: March 21, 2006
Expires: Five years from date of issuance

Permit No. P06-006
Application No. A1575



Madison County, MS

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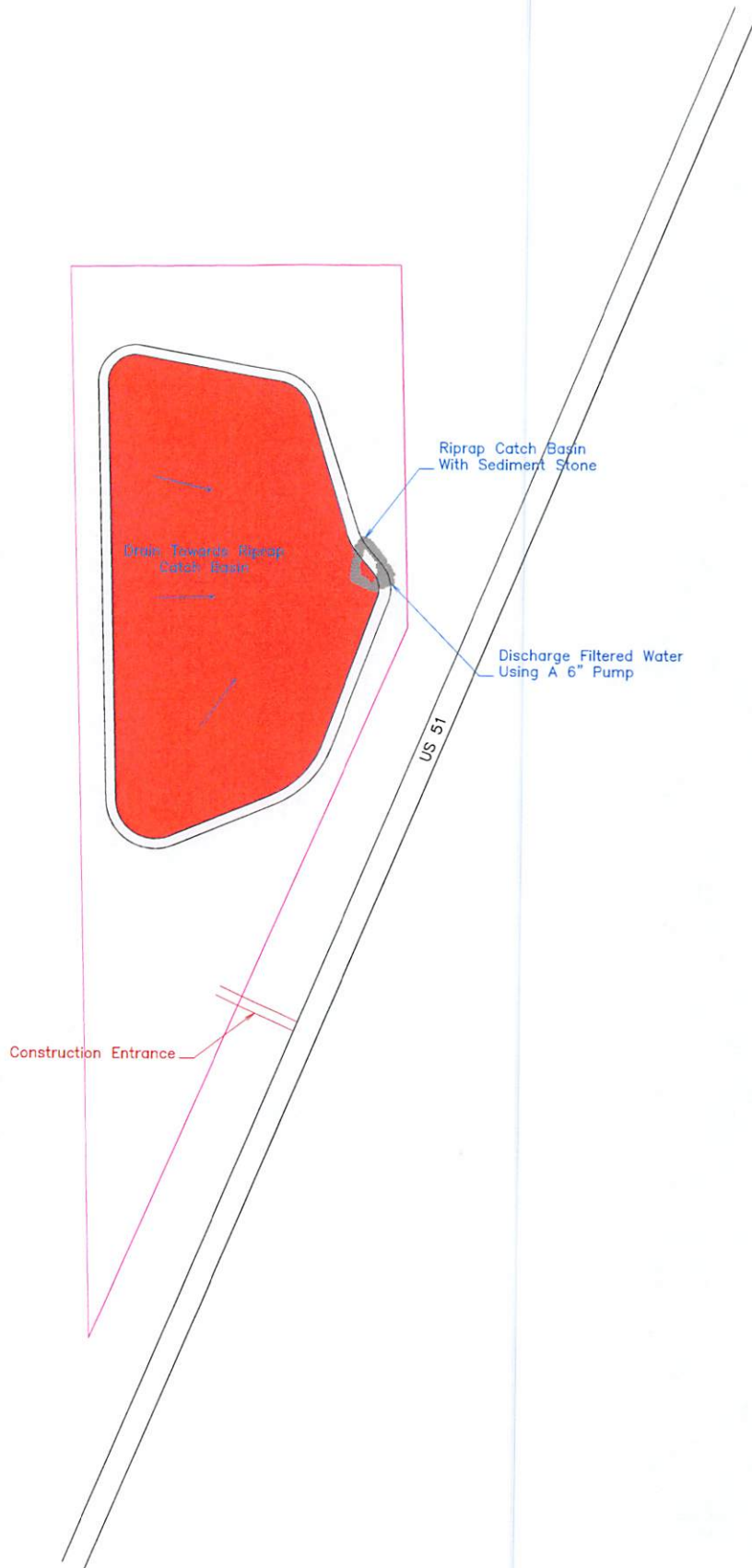


Madison County Tax Assessor
Norman A. Cannady Jr

Canton Location
125 W North St
(601) 879-9537
Canton, MS 39046
Canton, MS 39046

PPIN:	23095
PARCEL_ID:	082E-22-012/00.00
OWNERSNAME:	KEY CRETE LLC
ADDRESS1:	219 KEY DR
ADDRESS2:	
CITY:	MADISON
STATE:	MS
ZIP:	39110
TOTAL_AC:	22.33
STREET_NUM:	1909
STREET:	HWY 51
SECTION:	22
TOWNSHIP:	08N
RANGE:	02E
LEGAL1:	22.33 AC IN E1/2 E 1/2 SW 1/4 W OF HWY
TAX_DIST:	4GM
LAND_VAL:	226940
IMP_VAL1:	0
IMP_VAL2:	0
TOTALVALUE:	226940
DEED_BOOK:	2666
DEED_PAGE:	907





Proposed Stuckey Mine SWPPP

Key, LLC

ENGINEERS - CONSTRUCTORS
Post Office Box 590 • 219 Key Drive (39110)
MADISON, MS 39130-0590
801-898-9892 Fax 601-898-9898

Hz Scale 1 : 1000	1/4 Scale X
Drawn By:	Chad Dy:
Revision History	
Revision 1	Initial
Revision	
Revision	
Revision	

Key, LLC – Stuckey Mine – Storm Water Pollution Prevention Plan (SWPPP)

Site Information

Key, LLC will utilize the Stuckey Mine property for excavation of borrow material to be used on MDOT's Reunion Phase III Project. The site excavation activities will disturb a total of 9.5 acres. The site has a low erosion hazard. Riprap with filter stone will be added to the point of discharge prior to leaving the property.

Controls

Vegetative Controls: A 15-foot minimum 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 placed around topsoil stockpiles. A construction entrance will be installed on the southeast side of the property which will be topped with no. 1 stone. 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.

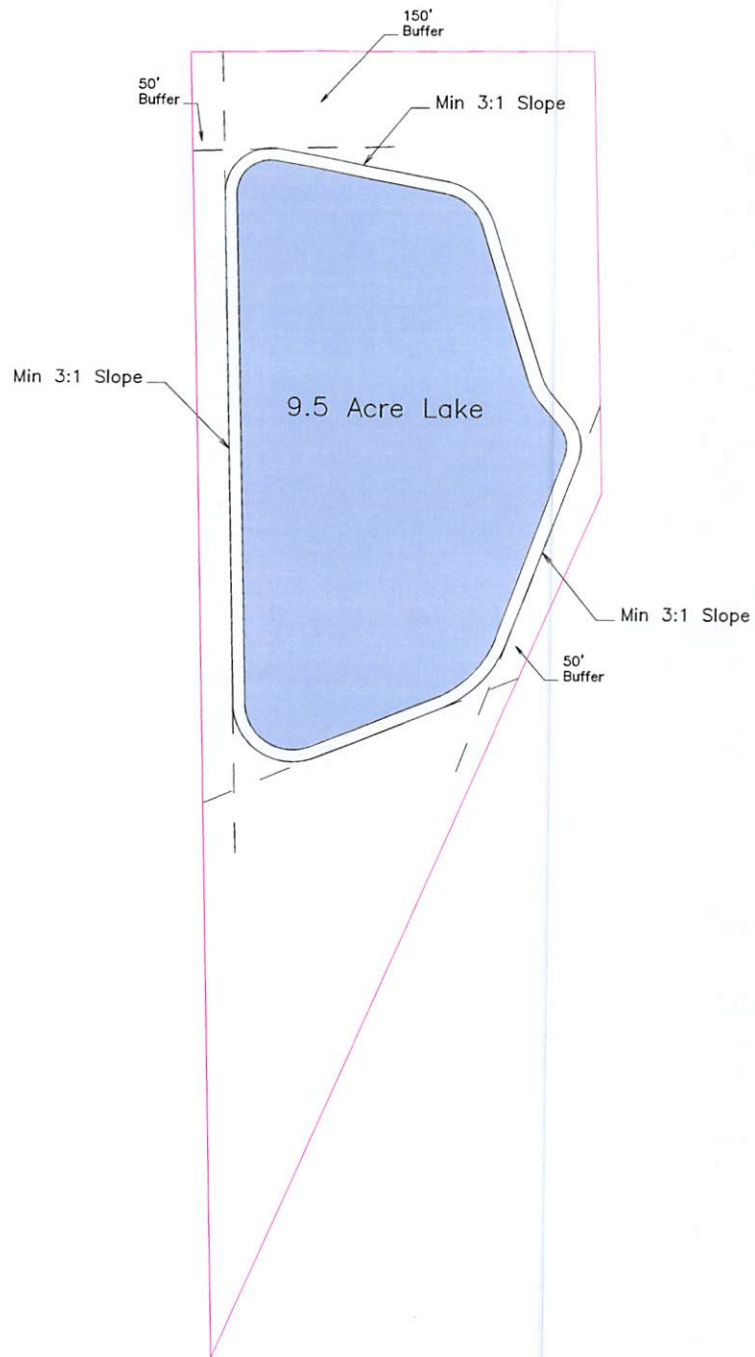
Post Construction/Storm Water Management Measures: The area of excavation will be converted into a lake with 3:1 slopes.

Implementation Sequence

1) build construction entrance/exit. 2) contour and riprap intermittent drainage way as needed. 4) grade site, construct diversions and drainage ways, stockpile topsoil and install silt fence around stockpile. 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.

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, drainage protection devices and silt fences when accumulated sediment has reached 1/3 to 1/2 height and 50% capacity of the catch basin. Replace non-functional silt fence. Maintain all vegetated areas to provide proper ground cover - reseed, fertilize, and mulch as needed.

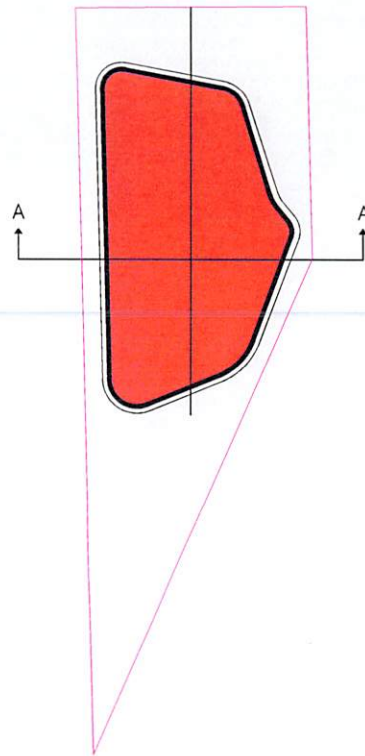
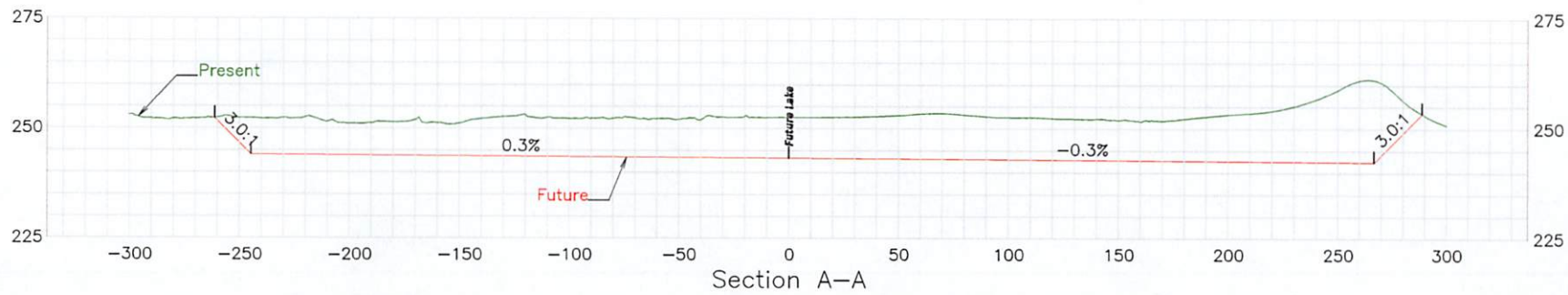


Proposed Stuckey Mine Reclamation Plan

Key, LLC

ENGINEERS - CONSTRUCTORS
 Post Office Box 590 - 219 Key Drive (39110)
 MADISON, MS 39130-0590
 601-898-9892 Fax 601-898-9896

Hz Scale: 1 : 1000	vt Scale: X
Drawn By:	Chad By:
Revision History	
Revision	1
Revision	2
Revision	3
Revision	4
Revision	5
Revision	6
Revision	7
Revision	8
Revision	9
Revision	10



Key, LLC

ENGINEERS - CONSTRUCTORS
 219 Key Drive (39110)
 Madison, MS 39130-0390
 601-896-9992 Fax 601-896-9994

Stuckey Mine Proposed Future Cross Section Reclamation Plan

Hz Scale: 1 : XXXX		Vt Scale: X	
Drawn By:		Chkd By:	
Revision History			
Revision	1	06/04/2004	Initials
Revision			
Revision			
Revision			

Key, LLC

ENGINEERS - CONSTRUCTORS

Post Office Box 590 - 219 Key Drive (39110)

MADISON, MS 39130-0590

601-898-9892

Fax 601-898-9896

December 1, 2022

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DEC 05 2022

Dept. of Environmental Quality

CHIEF, ENVIRONMENTAL PERMITS DIVISION
MDEQ, OFFICE OF POLLUTION CONTROL
P.O. Box 2261
JACKSON, MISSISSIPPI 39225

**RE: Stuckey Mine (Surface Mining Permit No. P06-006); Mining
NOI for Coverage Under Stormwater General Permit**

Dear Division Chief:

Enclosed please find Key, LLC's completed Mining Notice of Intent for Coverage Under Mining Stormwater, Dewatering, and no Discharge General Permit and the accompanying SWPPP documents.

Please call or email me if you have any questions or need any additional information: dporter@keyllc.com or (601) 441-7097.

Sincerely,

Key, LLC



Dave Porter
Legal Counsel