



May 20, 2015

Mr. Mark Houston
County Administrator
Madison County, Mississippi
P. O. Box 608
Canton, MS 39046

Mr. Karl Banks, President
Board of Supervisors
Madison County, Mississippi
319 W. North St.
Canton, MS 39046

Mr. Paul Griffin, Supervisor
District 5
Madison County, Mississippi
P. O. Box 5
Camden, MS 39045

Re: *Proposed mining permit for Smith Mine (Yandell Road Reconstruction Project) Section 28, Township 08N, Range 03E, all being situated in Madison County, MS*

Dear Sirs:

Please accept this letter as Eutaw Construction's formal request that the Madison County Board of Supervisors consider and approve a local mining permit for the *Smith Mine* (4 acres) which is proposed for use in acquiring borrow soil for the Yandell Road Reconstruction Project for which our company was recently awarded. The proposed site is located adjacent to Yandell Road and Twelve Oaks Trace in District 5.

Enclosed you will find a copy of Eutaw's *Surface Mining Permit Application* and the associated attachments thereto, all of which were submitted to MDEQ this date. Of course, Eutaw will be bound by all county permit regulations for the site.

Thank you for your consideration of this matter. Please contact me should you have any questions with regard to same.

Cordially,

Alan Lyles
Vice-President



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 (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.

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

- Storm Water Discharges Associated with Mining (checked), 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 USGS quadrangle map, or a copy, indicating the site location and outfalls, and a SWPPP must be included with the MNOI submittal. Additional submittals may include the following (check all that apply).

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

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

APPLICANT IS THE: OPERATOR (checked) LANDOWNER (Must check one or both)

OPERATOR INFORMATION

OPERATOR CONTACT PERSON: Tim Balducci
OPERATOR COMPANY NAME: Eutaw Construction Company, Inc.
OPERATOR STREET OR P. O. BOX: P.O. Box 2482
OPERATOR CITY: Madison STATE: MS ZIP: 39110
OPERATOR PHONE NUMBER (662) 813-3040 EMAIL ADDRESS: tbalducci@eutaw.us

LANDOWNER INFORMATION

LANDOWNER CONTACT PERSON: Andrew Smith
LANDOWNER COMPANY: Individual
LANDOWNER STREET OR P. O. BOX: 712 Twelve Oaks Trace
LANDOWNER CITY: Canton STATE: MS ZIP: 39046
LANDOWNER PHONE NUMBER: (601) 497-7755 EMAIL ADDRESS: none

MINE INFORMATION

NAME OF MINE: Smith Mine

STREET ADDRESS OR NEAREST NAMED ROAD: Yandell Road

NEAREST CITY: Canton COUNTY: Madison

1/4 OF NW 1/4 OF SECTION 28, TOWNSHIP 08N, RANGE 03E

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 59 minutes 52 seconds LONGITUDE: 89 degrees 59 minutes 45 seconds

METHOD USED TO DETERMINE LAT & LONG (GPS (Please GPS Entrance Gate) or Map Interpolation): Google Earth

TOTAL ACREAGE: 14 acres MATERIAL TO BE MINED: Borrow Soil

WILL HYDRAULIC DREDGING BE USED? YES NO WASHING OF SAND/GRAVEL? YES NO

RECEIVING STREAM: Ross Barnett Reservoir

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

(The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: 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

ESTIMATED START DATE: 06/01/2015 HUC CODE (FOR MDEQ USE ONLY): _____

COMPLETE IF STORM WATER DISCHARGE IS PROPOSED

STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE: 1 4 4 2

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

IDENTIFY THE ASSOCIATION OR GENERIC SWPPP ON FILE AT MDEQ: N/A

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) N/A GEOLOGY APPLICATION/PERMIT NO. 4 ac exempt pend.

LIST OTHER GEOLOGY PERMIT NUMBERS THAT APPLY TO COVERAGE AREA N/A

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 601-961-5527.

LIST ANY LOCAL STORM WATER ORDINANCES WITH WHICH THE OPERATIONS MUST COMPLY AND SUBMIT ANY ASSOCIATED APPROVAL DOCUMENTATION. Approval from Madison County Bd of Supervisors Pending

IF AN IMPOUNDMENT 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.

N/A

The impoundment has the potential to threaten downstream lives or man-made structures.

If the impoundment meets 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.

[Signature]
Authorized Signature¹

May 20, 2015
Date

[Name]
Printed Name

[Title]
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.

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: Tim Balducci / Eutaw Construction Company, Inc.
Mailing address: P.O. Box 2482 / 167 Orchard Lane
Madison, MS 39110
Telephone number: 662-813-3040

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

1/4 of NW 1/4 of Section 28, Township 08N Range 03E County Madison

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

Name of land owner: Andrew Smith
Mailing address: 712 Twelve Oaks Trace
Canton, MS 39046
Telephone number 601-497-7755

Date operation to begin 06/01/15 Date operation to end (estimated) 10/31/15
Material to be mined Borrow Soil Number of acres to be mined < 4 acres (A)*
Total acres to be affected by operation (mine, roads, storage, etc.) < 4 acres (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.**

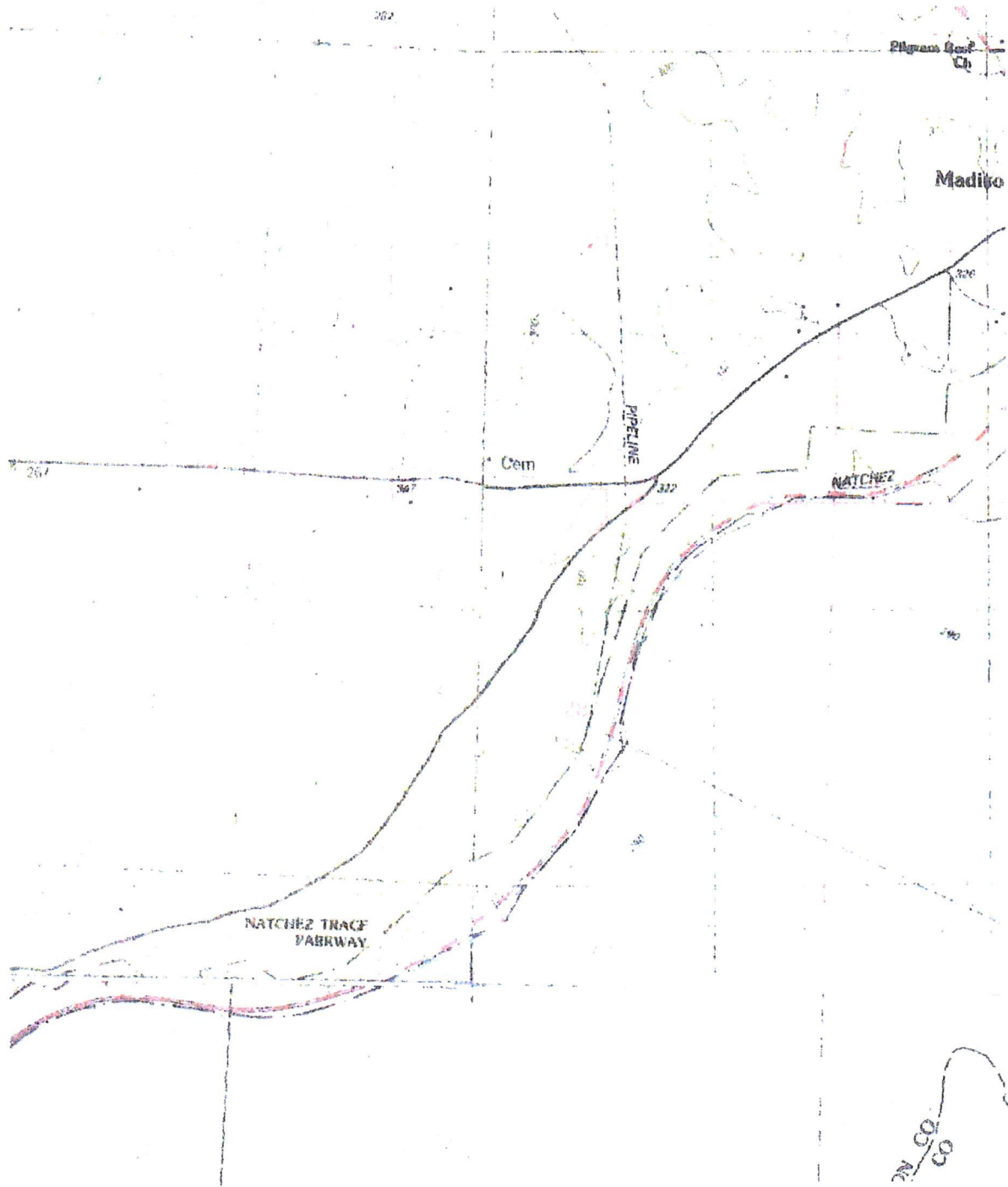
Tim Balducci / Eutaw
Applicant/operator: Construction Company, Inc. By _____
Signature

Date: May 20, 2015 Position Environmental Manager

For Office of Geology use only

Date: _____ By _____
Division Director
Mining and Reclamation Division

Smith Mine
NW ¼ of Section 28; Township 08N; Range 03E
Madison County, MS



Mine
Location

Smith Mine
Proposed Boundaries

NW 1/4 of Section 28, Township 08N, Range 03E

Legend

Yandell Rd

12 Oaks Trce

Yellow Polygon - Proposed Large Construction General Stormwater Permit Area

Red Polygon - Proposed 4 Acre Mining Exemption Area

Google earth

© 2015 Google

600 ft



Smith Mine

Proposed Boundaries

NW 1/4 of Section 28, Township 08N, Range 03E

Legend

Legend

Perimeter Silt Fence - Orange Lines

Construction Entrance - Blue Rectangle

Yandell Rd

12 Oaks Tree

Yellow Polygon - Proposed Large Construction General Stormwater Permit Area

Red Polygon - Proposed 4 Acre Mining Exemption Area

Google earth

© 2015 Google

600 ft



Site-Specific



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

For:

**Smith Mine
(4 acre Exempt Mining Operation)
(14 acre Large Construction
General Stormwater Permit)
Madison County, Mississippi**

May 20, 2015

Prepared by:

Tim Balducci
Eutaw Construction Company, Inc.
Certified Environmental Specialist
P.O. Box 2482
Madison, MS 39110
Cellular: (662) 813-3040
Email: tbalducci@eutaw.us



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I. Introduction

The purpose of this Site-Specific Storm Water Pollution Prevention Plan (SWPPP) is to provide a description of the best management practices to prevent contamination of storm water with potential pollutants from mining activities at the Smith Mine, Madison County, Mississippi ("the subject site"). This SWPPP has been prepared as required by the Mississippi Department of Environmental Quality (MDEQ) in compliance with the applicable regulations for coverage under the applicable Construction Storm Water General NPDES Permit.

This SWPPP will be incorporated into the routine land-disturbing activities at the subject site. The potential sources for storm water pollution have been identified at the subject site and are described in this plan. Several pollution control measures are specified in this plan to prevent contamination of storm water runoff from those identified sources. This plan further outlines implementation, inspection, and necessary maintenance requirements. The erosion and sediment control practices shall be monitored and the plan shall be revised if the quality of storm water runoff is not compliant.

II. Site Assessment

- A. Location: The subject site is < 4.00 acres for exempt mining operations, the same located within a larger parcel of 14 total acres for Large Construction General Stormwater permitting purposes; Section 278 Township 08N; Range 03E; all being situated in Madison County, MS
- B. Description of Work: The land-disturbing activity on the subject site will consist primarily of limited clearing and grubbing; borrow soil excavation; stockpiling of HVC clay soil; regular land-grading maintenance activities; and temporary and final stabilization measures.
- C. Potential Pollution Sources: The most significant potential pollutants on the subject site are soil particles susceptible to removal by storm water. Other potential pollutants subject to removal by storm water are leaked fuel or lubricants from machinery and equipment. Soil material may also be inadvertently tracked off site or blown off site when disturbed by equipment.
- D. Non-Storm Water Solid Materials: The on-site generation of solid materials will be minimal, and its proper disposal will be regulated. All solid waste will be appropriately contained and taken off site for proper disposal.

- E. **Drainage Patterns:** Most of the rainwater that will fall on the disturbed land area of the subject site will flow into the natural drainage structures on the site. Appropriate best management practices will be employed to protect these drainage channels from contamination by silt and sediment.
- F. **Receiving Waters:** The natural drainage patterns of the subject site generally flow south/south east and into the Ross Barnett Reservoir.
- G. **Soil Types:** The subject site is comprised primarily of red sandy clay at the surface immediately below the topsoil to an approximate depth of 15 feet. Thereafter, the character of the soil changes to medium-to-heavy clay at a terminal depth of approximately 20 feet.

III. Best Management Practices (BMPs)

- A. **Design:** The following Best Management Practices will be utilized to prevent the contamination of storm water on the subject site. The specific BMPs selected for the subject site and their specific locations are indicated on the attached site-specific plan profile sheets. The locations and types shown may not be exclusive, as additional or different BMPs may be required as field conditions dictate. This SWPPP will be amended in the event that such changes become necessary. All BMPs shall conform to the specifications of the Mississippi SWPPP Guidance Manual for Construction Activities and the applicable permits.
- **Stabilized Construction Entrance:** A Stabilized Construction Entrance of geotextile fabric and Size I stabilizer stone shall be maintained at the entrance to the subject site to reduce erosion and tracking displacement of soil onto the adjacent roadways.
 - **Wattle Ditch Checks:** Wattle ditch checks may be employed in the shallow-grade-fall ditches to slow storm water velocity and to help direct storm water runoff to stabilized outfall structures; thus, minimizing the effects of erosion during land-disturbing activities, and containing sediment deposits on site.
 - **Loose Rip Rap 300 Pound Ditch Checks with #57 Sediment Control Stone Plating:** Rock ditch checks may be employed in the deep-grade-fall ditch areas to slow storm water velocity and to help direct storm water runoff to stabilized outfall structures; thus, minimizing the effects of erosion during land-disturbing activities, and containing sediment deposits on site.

- **Silt Fence:** Silt fence will be used as the primary perimeter control. Silt fence will be installed where storm water can effectively be contained by such measures, such as at the low-grade down-hill sections of cuts. The philosophy behind this method of BMP is to establish a silt fence barrier between the active land-disturbing activities and the property boundary. The silt fence will keep any soil material from migrating off site. Adequate filtration and release of the stormwater will be accomplished by installing wattle filter breaks in the perimeter silt fence as needed. All silt fence will be properly maintained and accumulated silt will be removed when it reaches a fence height of 1/3 to 1/2.
- **Slope Surface Roughening:** Heavy equipment will track up and down temporarily exposed slopes to create horizontal depressions that are perpendicular to the direction of the slope in order to reduce the velocity of storm water runoff and help prevent erosion.
- **Controlled Slope Ratios:** Temporarily exposed slopes will be managed in length and by the installation of slope breaks if necessary in order to decrease the velocity of storm water runoff and to help control erosion and sediment displacement.
- **Stockpile Protection:** Any soil material stock-piled on the subject site will be encircled by silt fence maintained on the lower elevation contours. Temporary vegetative cover will be applied within 7 days to any stockpile that will not be in use for greater than 14 days.
- **Vegetative Controls:** Temporary grassing will be implemented within 7 days on any site that has been disturbed and that won't be worked within 14 days.
- **Brush Barriers:** Brush barriers may be used as site conditions allow or require to assist in sediment control around the perimeter of the new construction areas.
- **Dust Control:** During land-disturbing activities, resulting dust will be closely monitored and if it becomes excessive to the point of becoming a safety or environmental hazard, water trucks will be employed to manage the transportation of wind-blown particles.
- **Vegetative Buffer Zone:** Existing vegetation in and around the property boundaries and any perennial water bodies will be maintained at a minimum width of 150' to help control erosion and prevent sediment escape.

- **Settling / De-silting Pond:** A sediment basin or de-silting pond may be used to trap and filter sediment from land disturbing activities. Sediment will settle in the pond prior to being discharged through a rip rap berm. Regular maintenance will be conducted to remove sediment deposits from the basin as required.
 - **Permanent Vegetative Measures:** Within 14 days of the conclusion of land-disturbing activities in any area, the subject area will be graded, bladed and permanent vegetative measures will be employed.
 - **Equipment Fueling and Maintenance:** Any equipment fueling and maintenance areas shall employ BMPs for industrial activities to ensure that pollutants do not impact storm water runoff.
- B. **Spill Prevention and Response Procedures:** A separate Spill Prevention Control and Countermeasure Plan will be developed if any bulk oil meeting the federal regulations is to be stored on site. Above ground oil and fuel storage tanks will be located at the contractor's project office site located off the subject site.
- C. **Operation and Maintenance:** All BMPs shall be adequately inspected and *monitored for sediment accumulation and to ensure their proper operation.* Routinely accumulated sediment shall be removed from any BMPs which require maintenance to ensure their proper working condition.
- D. **Record Keeping:** Appropriate record keeping will be employed on site including recording of rainfall data; the location of any BMPs requiring maintenance; and the record of all repair and maintenance to any BMPs. All records shall be maintained at the owner's corporate office for three years.
- E. **Employee Training:** Employees working at the subject site shall be generally orientated to this SWPPP and its provisions. Supervisory personnel shall be responsible for carrying out the requirements of this SWPPP.
- F. **Housekeeping Practices:** Pollutants from the subject site shall be controlled by appropriate good housekeeping practices, including, but not limited to: secondary containment storage of any fuel and oils; keeping work areas tidy and clean; providing waste receptacles at convenient locations and providing regular collection of waste; providing protected storage for chemicals, fertilizers and any other potentially toxic materials; and providing adequately maintained sanitary facilities. Any solid waste generated on the jobsite will be

appropriately contained and ultimately removed off site to an appropriate disposal area or facility.

IV. CONSTRUCTION SEQUENCE

A. The following sequence of land-disturbing activities is anticipated for the subject site. To the extent that actual land-disturbing activities vary from this anticipated schedule, then this SWPPP shall be updated based on actual field operations and conditions.

1. Prepare SWPPP and obtain filed Notice of Exempt Operation and Large Construction General Stormwater Permit.
2. Conduct a pre-mining meeting to identify all necessary BMPs.
3. *Install construction entrances as necessary.*
4. *Install perimeter controls; vegetative buffers and outfall protection.*
5. *Inspect installed BMPs for effectiveness and compliance with SWPPP.*
6. *Begin land disturbing activities of borrow excavation and stockpiling of HVC clay material.*
7. *As subject site is worked, continue inspection and maintenance of BMPs; temporary and/or permanent seed as required by permit.*
8. *Stabilize subject site by permanent seeding and fertilizing.*
9. *Remove temporary BMPs.*
10. *Conduct final maintenance of permanently established BMPs.*
11. *File Request for Termination of Coverage Form.*

V. IMPLEMENTATION SCHEDULE

A. The land-disturbing activities shall be divided into three phases of BMP implementation so that the selection of appropriate erosion and sediment controls will be made easier and the selection of specific BMPs can be improved.

Phase I: Perimeter Controls: Perimeter controls shall be installed prior to land disturbing activities. These controls include establishing stabilized construction entrances, establishing vegetative buffer zones; installation of perimeter silt fence; and creating outfall protection to meet field conditions.

Phase II: Intermediate Controls: Intermediate controls shall be implemented from the initial land disturbing phase to the final end-grade phase. During this phase, the extent and duration of exposed un-stabilized areas will be closely monitored and steps will be initiated to control erosion and sediment

escape from the subject site. Measures such as slope surface roughening will be employed in order to reduce the velocity of storm water runoff and help prevent erosion. Temporarily exposed slopes will be managed in length and by the installation of slope breaks if necessary in order to decrease the velocity of storm water runoff and to help control erosion and sediment displacement. Any soil material stock-piled on the subject site will be encircled by silt fence maintained on the lower elevation contours. Temporary vegetative cover will be applied within 7 days to any stockpile that will not be in use for greater than 14 days. Temporary seeding will be implemented within 7 days on any site that has been disturbed and that won't be worked within 14 days. During this phase, the continuing effectiveness of all BMPs shall be reviewed; continued inspections and record keeping will be conducted; this SWPPP shall be amended if new BMPs become necessary to control erosion and prevent sediment escape; regular maintenance of BMPs will be conducted; and temporary and/or permanent seeding as required by the permit will be accomplished. Ditches will be protected with temporary measures and all stormwater outfalls will be temporarily protected.

Phase III: Final Controls: Final controls shall be implemented to achieve final site stabilization. These controls shall include final site grading, and permanent seeding and fertilizing. At that stage, all temporary BMPs shall be removed and final maintenance of permanent established BMPs shall be conducted.

VI. INSPECTIONS AND REPORTING

- A. Inspections: All BMPs shall be adequately inspected and monitored at least weekly for a minimum of four times per month and as often as necessary, particularly after any storm event, for sediment accumulation and to ensure their proper operation. Walk-through inspections shall be conducted prior to any anticipated storm event. Any necessary BMP repair or replacement shall be conducted within 24 hours of discovery or as soon as field conditions allow. An adequate number of rain gauges will be placed on the subject site to monitor and record rainfall data for use in inspections.
- B. Reporting: All records, reports and information resulting from inspection activities required by this SWPPP and the applicable permit shall be retained at the owner's corporate office for at least 3 years from the date of the CNOI, inspection, or other report.

VII. REVISIONS

This SWPPP shall be kept current and will be revised as changes in site conditions warrant. Specific revisions will be made in the event that inadequacies of BMPs are revealed by inspection; changes are noted in identified sources, non-storm water discharges, or non-storm water solid wastes; or the Office of Pollution Control issues notification that this SWPPP does not meet one or more of the minimum requirements.

VIII. TERMINATION OF COVERAGE

Upon successful completion of all permanent erosion and sediment controls, a Notice of Termination (NOT) Form shall be submitted.

ATTESTATION

SWPPP Developer's Signature

Tim Balducci
Printed Name

May 20, 2015

Date

Environmental Manager
Certified Environmental Specialist
Certified Stormwater Inspector
NPDES License # 4628

Note: Miss. Code Ann. § 53-7-27 (2)(h) requires that an Application for Surface Mining Permit include a notarized statement showing the applicant's legal right to surface mine the affected area.

CERTIFICATION OF LEGAL RIGHT TO MINE

I certify that I have the legal right to conduct surface mining operations on the property which is the subject of this application for Surface Mining Permit.

I am including a copy of the deed to the property and a copy of the Lease/Contract to surface mine the property (if applicable).

Eutaw Construction Company, Inc.

Printed/Typed Name of Applicant for Surface Mining Permit

Tim Balducci

Printed/Typed Name of Person Authorized to sign on behalf of Applicant

Environmental Manager

Title of Person Authorized to sign on behalf of Applicant

Signature of Person Authorized to sign on behalf of Applicant

STATE OF Mississippi

COUNTY OF Madison

Personally appeared before me, the undersigned authority in and for the said county and state, on this 20th day of May, 2015, within my jurisdiction, the within named Tim Balducci, who acknowledged that he (she) is Env. Mgr. (title) of Eutaw Construction, a MS (state) corporation, and that for and on behalf of the said corporation, and as its act and deed he (she) executed the above and foregoing instrument, after first having been duly authorized by said corporation so to do.

(NOTARY PUBLIC)

My Commission expires: _____



NATCHEZ

YANDELL RD

NATCHEZ TRACE PKWY

Sign

Special
Exception
S-111

MEYER-GARY TRAGE

LANDVIEW DR

YANDELL RD

TRAFFIC CONTROL GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS, OR RESULT IN DUPLICATE, OR UNDESIRABLE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES, AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

- A) DO NOT CLOSE OR NARROW LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
YANDELL RD	600AM TO 800AM AND FROM 400PM TO 600PM MONDAY THRU FRIDAY

- B) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) DO NOT INSTALL MORE THAN 500 FEET OF LANE CLOSURE ON YANDALL ROAD. MEASURE FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.

- D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED, OR AS DIRECTED BY THE ENGINEER.

- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 6 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING TCP-1 UNLESS THE WORK AREA IS PROTECTED BY

BARRIER OR GUARDRAIL

- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

- H) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

- I) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- J) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

- K) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 350 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

- L) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- M) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

- N) CONTRACTOR WILL PROVIDE PERMANENT SIGNING.

- O) CONTRACTOR WILL PROVIDE DETOUR SIGNING WITHIN AND OFF THE PROJECT LIMITS.

- P) CONTRACTOR WILL COVER OR REMOVE ALL DETOUR SIGNS WITHIN AND OFF THE PROJECT LIMITS WHEN A DETOUR IS NOT IN OPERATION.

- Q) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

- R) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 350 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

- S) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT.

- T) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

- U) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

- V) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
YANDELL RD	THERMOPLASTIC (PERM)	RAISED YELLOW/YELLOW

- W) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
YANDELL RD	PAINT (TEMP)	NONE


- X) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

- Y) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

- Z) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION, AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) AND RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

- AA) CONTRACTOR IS TO MAINTAIN AT LEAST ONE ACCESS POINT PER SUBDIVISION ALONG YANDELL ROAD. IN THE EVENT THAT THERE IS ONLY ONE ACCESS POINT FOR A SINGLE SUBDIVISION OR WORK IS TO BE PERFORMED THRU AN INTERSECTION, THEN CONTRACTOR IS TO PERFORM WORK AT NIGHT OR AS INSTRUCTED BY ENGINEER (SEE Z).

REVISIONS		NO.		DATE		BY		APP'D	
PROJECT TITLE YANDELL ROAD RECONSTRUCTION TRAFFIC CONTROL GENERAL NOTES									
OWNER MADISON COUNTY MISSISSIPPI									
DESIGNER WARNOCK & ASSOCIATES, L.L.C. ENGINEERING, MANAGEMENT & PLANNING									
									
DATE	BY	SCALE	BY	SCALE	BY	SCALE	BY	SCALE	BY
SHEET NO. & TITLE 10-2									
SHEET NO. 23									