

**enSearch**

home login

**W C Fore Trucking Inc, Wortham Road Pit**

MASTERFILE

RELATED

STATUS

ATTACHMENTS

TASKS



STORMWATER

ID	Branch	SIC	County	Basin	Start	End
19958	Mining and Solid Waste Management	1442	Harrison	Coastal Streams	10/27/2004	

Physical Address (Primary)	Mailing Address
Wortham Road Saucier, MS 39574	PO Box 3058 Gulfport, MS 39505

Telecom Type	Address or Phone
Work Phone Number	(228) 863-1314
Work fax number	(228) 863-0013

Alt ID	Alt Name	Alt Type	Start	End
MSR321435	W C Fore Trucking Inc, Wortham Road Pit	GP-Mining	03/09/2005	01/18/2008
MSR321435	W C Fore Trucking Inc, Wortham Road Pit	GP-Mining	01/18/2008	09/30/2012
A1543	W C Fore Trucking Inc, Wortham Road Pit	Geology-Mining-Application	10/27/2004	02/27/2005
A1543A	W C Fore, LLC, Wortham Road Mine	Geology-Mining-Application	12/23/2009	01/26/2010
P05006	W. C. Fore, LLC, Wortham Road Pit	Geology-Mining-Permit	02/28/2005	02/28/2010
P05006A	W C Fore Trucking Inc, Wortham Road Pit	Geology-Mining-Permit	01/26/2010	12/31/2014
19958	W C Fore Trucking, Inc., Wortham Road Pit	Official Site Name	10/27/2004	

Program	SubProgram	Start Date	End Date
Geology	No subprogram specified		
Water	Mining Stormwater	01/18/2008	

Latitude	Longitude	Metadata	S / T / R	Map Links
----------	-----------	----------	-----------	-----------

30 ° 34 ' 6 .04 (030.568344)	89 ° 6 ' 12 .00 (089.103333)	<b>Point Desc:</b> PG- Plant Entrance (General). Data collected by J. Matheny on 1/5/2006.  <b>Method:</b> GPS Code (Psuedo Range) Standard Position (SA Off) <b>Datum:</b> NAD83 <b>Type:</b> MDEQ	Section: 028 Township: 05S Range: 11W	MGIS  Google Maps  MapQuest
------------------------------------	------------------------------------	--	---	--

3/2/2010 2:49:31 PM

# W C Fore Trucking Inc, Wortham Road Pit

## General Information

msr321435

ID	Branch	SIC	County	Basin	Start	End
19958	Mining and Solid Waste Management	1442	Harrison	Coastal Streams	10/27/2004	

## Address

Physical Address (Primary)	Mailing Address
Wortham Road Saucier, MS 39574	PO Box 3058 Gulfport, MS 39505

## Telecommunications

Type	Address or Phone
Work fax number	(228) 863-0013
Work phone number	(228) 863-1314

## Alternate / Historic AI Identifiers

Alt ID	Alt Name	Alt Type	Start Date	End Date
MSR321435	W C Fore Trucking Inc, Wortham Road Pit	GP-Mining	03/09/2005	
A1543	W C Fore Trucking Inc, Wortham Road Pit	Geology-Mining-Application	10/27/2004	
P05006	W. C. Fore, LLC, Wortham Road Pit	Geology-Mining-Permit	02/28/2005	02/28/2010
19958	W C Fore Trucking, Inc., Wortham Road Pit	Official Site Name	10/27/2004	

## Regulatory Programs

Program	SubProgram	Start Date	End Date
Water	Mining Stormwater	01/01/1900	

## Locational Data

Latitude	Longitude	Metadata	S / T / R	Map Links

30 ° 34 ' 6 .04 (030.568344)	89 ° 6 ' 12 .00 (089.103333)	<b>Point Desc:</b> PG- Plant Entrance (General). Data collected by J. Matheny on 1/5/2006.  <b>Method:</b> GPS Code (Psuedo Range) Standard Position (SA Off) <b>Datum:</b> NAD83 <b>Type:</b> MDEQ	<b>Section:</b> 028 <b>Township:</b> 05S <b>Range:</b> 11W	<b>SWIMS</b> TerraServer Map It
------------------------------------	------------------------------------	--	---	---------------------------------------

Report Date: 5/4/2006 2:13:00 PM



Site Name: \_\_\_\_\_

AI 19958  
MSR 321435

Address: \_\_\_\_\_

City: \_\_\_\_\_

County: \_\_\_\_\_

State: MS

Zip: \_\_\_\_\_

Site Unique Identifier: \_\_\_\_\_

Site Unique Identifier Description: \_\_\_\_\_

(Permit#, EPA ID, Monitoring Station #, etc...)

Latitude: 30 Degrees 34 Minutes 06.4 Seconds

Longitude: 089 Degrees 06 Minutes 12.0 Seconds

Elevation: \_\_\_\_\_ ft.

Method of Collection: \_\_\_\_\_

G3 - Differential

G5 - Autonomous/SA Off

Point Description: \_\_\_\_\_

- ☒ PG - Plant Entrance (General)
- ☐ NE - NE Corner of Land Parcel
- ☐ SE - SE Corner of Land Parcel
- ☐ NW - NW Corner of Land Parcel
- ☐ SW - SE Corner of Land Parcel
- ☐ CE - Center of Facility
- ☐ WL - Well\*
- ☐ WM - Ambient Water Mon. Station
- ☐ AM - Ambient Air Mon. Station

L.H.  
5/3/06

Comments: \_\_\_\_\_

\*This point should be used only for wells in cases where there is no other identifiable facility.

Collected By: \_\_\_\_\_

Date Collected: 1/5/06

# W C Fore Trucking Inc, Wortham Road Pit

## General Information

ID	Branch	SIC	County	Basin	Start	End
19958	Mining and Solid Waste Management	NONE SELECTED	Harrison	NONE SELECTED	10/27/2004	

## Address

Physical Address (Primary)	Mailing Address
Wortham Road Saucier, MS 39574	PO Box 3058 Gulfport, MS 39505

## Telecommunications

Type	Address or Phone
Work phone number	(228) 863-1314

## Alternate / Historic AI Identifiers

Alt ID	Alt Name	Alt Type	Start Date	End Date
19958	W C Fore Trucking, Inc., Wortham Road Pit	Official Site Name	10/27/2004	

## Regulatory Programs

Program	SubProgram

## Locational Data

Latitude	Longitude	Method	Datum	S / T / R	Map Links

Report Date: 10/27/2004 12:48:02 PM

# W C Fore Trucking Inc, Wortham Road Pit

## Staff to AI Assignments

Name	Assignment
Warden, Billy	Permitting, Branch Manager
Williams, Ross	Permitting, Coverage Writer

## Related People

Name	Relationship	Start Date	End Date
Fore, W.	Is Application Signatory for	10/27/2004	
Fore, W.	Is General Permit Contact For	10/27/2004	

## Related Organizations

Name	Relationship	Start Date	End Date
------	--------------	------------	----------

Report Date: 10/27/2004 12:48:02 PM

ENTERED BY *LR*  
PERMIT BOARD REPORT

Permit Action Form  
W C Fore Trucking Inc, Wortham Road Pit  
Wortham Road  
Harrison County  
Saucier, MS 39574

Branch Manager: Billy Warden  
SIC: 1442

FILE  
COPY

### Recommendations

Folder No. - Activity Type

GNP20100001 - MA-Mining

Permit No.  
MSR321435

DEQ Contact  
Michael Noone

Action: ☐ Issue  
☒ Modification  
☐ Transfer  
☐ Revoke

☐ Reissue  
☐ Name Change  
☐ Deny

By: ☒ Division Chief  
☐ Permit Board  
☐ Terminate

### Programs:

#### Master File

Program	Sub Program	Start Date	End Date	Delete
Water	Mining Stormwater	01/18/2008		<input type="checkbox"/>
Water	Mining Stormwater	03/09/2005		<input type="checkbox"/>

Marked subprograms should be deleted from the master file by the Master File Administrator

#### Permit Application

Program	Sub Program	Start Date	End Date
Water	Mining Stormwater	01/18/2008	

### Air Use Only:

☐ Emissions data entered in enSite  
☐ Emissions data prepared  
☐ Permitting action did not

### TMDL Use Only:

'Y' indicates conformance with published TMDLs, 'N' indicates non-conform

Published TMDL	FLAC

### Basis:

The Applicant/Operator has submitted a permit application and the necessary supporting documents for the Permit.

### Coordination

Comments: The modification is to increase the total of 113.15.

REC 3/2/10  
SENT FOR SIGNATURE  
msf  
3/1/10  
REC 3/3/10  
FILE UPON RETN OF  
CMT/PAF.  
msf  
3/2/10

## Relationships People

Name	Address	City	State	Zip	Relationship
W. Fore	PO Box 3058	Gulfport	MS	39505	Is General Permit Contact For
W. Fore	PO Box 3058	Gulfport	MS	39505	Is Application Signatory for
Judith McKay	17035 Doc Lizana Road	Gulfport	MS	395039237	is owner of land within 500' of mining site
Nancy Guidry	23124 Belmont Place	Gulfport	MS	395031106	is owner of land within 500' of mining site
Carla Broadus	1200 28th Street	Gulfport	MS	39501	is owner of land within 500' of mining site

## Organizations

Name	Address	City	State	Zip	Relationship
Neel-Schaffer, Inc.	125 S. Congress, Suite 1100	Jackson	MS	392252625	Is Consultant For

## Agency Interests

Name	Address	City	State	Zip	Relationship
%%:permit_fil e ais%%	%%NEXT%%	%%NEXT%%	%%NEXT%%	%%NEXT%%	%%NEXT%%

## Administrative Tasks

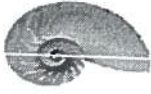
Task	Scheduled Date	Completed Date
NOI Received	1/26/2010 3:08:13 PM	1/26/2010 3:24:01 PM
In-House and Other State Agency Coordination Completed	2/14/2010	1/27/2010 4:39:58 PM
Notice of Intent, SWPPP, Plans and Specs Reviewed and Deficiencies Resolved	4/7/2010	1/27/2010 10:35:32 AM
Final Coverage/Supporting Documents Prepared and Sent for Signature	2/8/2010	3/1/2010 2:14:37 PM
Issue Coverage	5/6/2010 3:08:13 PM	3-1-10 QM

## Existing Permits

Permit Number	Description
Geology-Mining-Permit	P05006A
GP-Mining	MSR321435

## Requirement Profiles:

Category	ID	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
ACT	1	Permit Shell	General Permit	Water	Mining Activity				



**WC Fore Wortham Road Pit Mine**  
**Mike Noone to: ross.williams**

03/02/2010 02:47 PM

The modified permit was just returned to me and signed effective March 1, 2010. Letter and Certificate will go out in today's mail.

Regards,

Michael



STATE OF MISSISSIPPI

HALEY BARBOUR

GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

TRUDY D. FISHER, EXECUTIVE DIRECTOR

March 1, 2010

CERTIFIED MAIL 7008 1300 0000 6220 5172

Mr. W. C. Fore  
W C Fore Trucking, Inc.  
PO Box 3058  
Gulfport, Mississippi 39505

Dear Mr. Fore:

Re: W C Fore Trucking Inc, Wortham Road Pit  
Harrison County, Mississippi  
General Mining Stormwater Coverage. No. MSR321435

Enclosed is a **modified** Certificate of Coverage granting you coverage for the increased acreage (70ac) under the Mining Storm Water General NPDES permit MSR321435. The revised total acreage is now 113.15 ac. The Storm Water Mining General Permit was reissued on October 1, 2007, by the Permit Board on Environmental Quality. There are several significant changes in the new permit which are summarized on the attached addendum. This is a summary and does not negate the need for the coverage recipient to carefully read and be familiar with the permit and its conditions. In addition, several forms that were part of the previous permit and required for submittals and recordkeeping, are now enclosed in a separate document called the "Mining General Permit Forms Package."

The submitted Storm Water Pollution Prevention Plan (SWPPP) appears to meet permit requirements and will be further reviewed during compliance inspections.

This permit coverage is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Sections 49-17-1, et seq., Mississippi code of 1972), and the regulations and standards adopted and promulgated thereunder and under the authority granted to the Mississippi Environmental Quality Permit Board pursuant to Section 402(b) of the Federal Water Pollution Control Act. Any appeal of this action must be made within the 30-day period provided for in Section 49-17-29(4)(b) Mississippi code of 1972.

Sincerely,

Jim Morris, Chief  
General Permits Branch

Enclosures

19958 GNP20100001

OFFICE OF POLLUTION CONTROL

POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261 • TEL: (601) 961-5171 • FAX: (601) 354-6612 • [www.deq.state.ms.us](http://www.deq.state.ms.us)  
AN EQUAL OPPORTUNITY EMPLOYER





## ADDENDUM

The following is a summary of changes from the previous Storm Water Mining General Permit to the current Mining Storm Water, Dewatering, and No Discharge General Permit. These changes reflect EPA requirements, clarify existing regulations, and contain measures to reduce administrative burden. One example of burden reduction is that recirculation gravel washing operations or a discharge of impounded water can now be covered under the same general permit as the storm water discharge-a single permit coverage may now be issued instead of several.

This is a summary and does not negate the need for the coverage recipient to carefully read and be familiar with the permit and its conditions.

- The proposed permit format has changed to be consistent with other NPDES permits generated through MDEQ's permitting software system (enSite).
- A Wastewater Recirculation System with No Discharge to Surface Waters component has been added (Activity 11). This operation has previously been regulated by an individual State No Discharge permit.
- A Mining Dewatering component has been added with required pH monitoring (Activity 12). This operation has previously been regulated by an individual NPDES permit.
- The MNOI package can also serve as notification that the mining operation is exempt from a State Office of Geology Surface Mining Permits; and the Office of Geology requirements for Lands Unsuitable for Mining have been incorporated (Activity 10).
- The submittal of the last semi-annual comprehensive report shall be deemed a request for re-coverage under the subsequently reissued general permit (Activity 3).
- Buffer zone requirements contained in the MDEQ water regulations between mining operations and waters of the State have been included for reference (Activity 9).
- New requirements of the Storm Water Pollution Prevention Plan (SWPPP): 1) site plan showing that existing buffer zone requirements are met; 2) sediment basin requirement for non-pit mining; 3) housekeeping practices requirement; and 4) hay bales will not, as a stand alone practice, be accepted due to their high maintenance requirements (Activity 5).
- Total Maximum Daily Load (TMDL) and new endangered species language has been added in the eligibility section as well as the requirement that "discharges must not cause nor contribute to violations of State Water Quality Standards" (Activity 2).
- SWPPP must be in compliance with local storm water ordinances (Activity 6).
- Allowable non-storm water discharges have been added (Activity 2).
- Must identify mine boundaries (Activity 6).



*State of Mississippi  
Department of Environmental Quality  
Office of Pollution Control*

*Certificate of Permit Coverage*

under Mississippi's Mining Storm Water General NPDES Permit

Be it known

W C Fore Trucking, Inc.  
Gulfport, Mississippi

having submitted an acceptable Mining Notice of Intent, is hereby granted this Certificate of Permit Coverage in order to discharge storm water in association with the operation of

Wortham Road Pit  
Receiving Stream: Saucier Creek  
Harrison County

  
\_\_\_\_\_  
Chief, General Permits Branch

Coverage No: *MSR321435*  
Date of Coverage: *January 18, 2008*  
Date of Modification: *March 1, 2010*  
Date of First Inspection: *July 28, 2010*  
Date General Permit Expires: *September 30, 2012*

19958 GNP20100001



**Re: Modification to MSR321435, W C Fore, Wortham Road Stormwater Coverage**

Mike Noone to: Ross Williams  
<ross.williams@neel-schaffer.com>

03/01/2010 02:44 PM

Good afternoon Ross;

Sorry for the late response. This was sent for signing today. Should be back tomorrow. See no reason the modification would not be signed.

Let me know if you need anything else. If I don't forget, I'll call and let you know it's been signed.

Thanks,

Michael

"Ross Williams"

Mike,

03/01/2010 09:43:10 AM

From: "Ross Williams" <ross.williams@neel-schaffer.com>  
To: <Mike\_Noone@deq.state.ms.us>  
Cc: <rgavin1@bellsouth.net>, "Scott Higginbotham" <Scott.Higginbotham@neel-schaffer.com>  
Date: 03/01/2010 09:43 AM  
Subject: Modification to MSR321435, W C Fore, Wortham Road Stormwater Coverage

Mike,

Please check on the status of the aforementioned mining stormwater coverage modification for me. According to Ensearch online, the modification form was received however Ensearch does not show that stormwater coverage has been modified. I am aware that the geology surface mining permit has already been issued. The reason I am making this request is I am with the understanding that stormwater within the State has been receiving a lot of attention lately, and I want to insure my client remains in compliance. I appreciate your attention to this request Mike.

Thank you,  
Ross

Ross D. Williams, RPG

***Neel-Schaffer, Inc.***

*Environmental Science Division*

*1022 Highland Colony Parkway, Suite 202*

*Ridgeland, Mississippi 39157*

*Tele: 601.898.3358*

*Fax: 601.898.8485*

*Cellular: 601.906.5843*



*State of Mississippi  
Department of Environmental Quality  
Office of Pollution Control  
Certificate of Permit Coverage*

under Mississippi's Mining Storm Water General NPDES Permit

Be it known

W. C. Fore Trucking, Inc.  
Gulfport, Mississippi

having submitted an acceptable Mining Notice of Intent, is hereby granted this Certificate of Permit Coverage in order to discharge storm water in association with the operation of

W. C. Fore Trucking, Inc., Wortham Road Pit

Receiving Stream: Saucier Creek  
Harrison County

Coverage No: MSNR321435

Date of Coverage: January 18, 2008

Date of First Inspection: July 28, 2008

Date General Permit Expires: September 30, 2012

19958 GNP20070001

Chief, General Permits Branch

LAT: 30° 34' 6.4"  
LONG: 87° 6' 12.0"



*State of Mississippi  
Department of Environmental Quality  
Office of Pollution Control*

*Certificate of Permit Coverage*

under Mississippi's Mining Storm Water General NPDES Permit

Be it known

W C Fore Trucking, Inc.  
Gulfport, Mississippi

having submitted an acceptable Mining Notice of Intent, is hereby granted this Certificate of Permit Coverage in order to discharge storm water in association with the operation of

**Wortham Road Pit**  
**Receiving Stream: Saucier Creek**  
**Harrison County**

*Coverage No: MSR321435  
Date of Coverage: January 18, 2008  
Date of Modification: March 1, 2010  
Date of First Inspection: July 28, 2010  
Date General Permit Expires: September 30, 2012*

---

*Chief, General Permits Branch*

19958 GNP20100001

## STORM WATER INSPECTION

February 24, 2010

Ethan Mayeu  
OPC/ECED  
Solid Waste and Mining

**RE: Wortham Rd Mine W.C. Fore                      A.I.19958**

On 2/10/10 I inspected the Wortham Rd. Mine in Harrison Co. This is now a 113.5 acre open pit mine for sandy clay. Most stormwater is contained on site within a pond. However there is some erosion and sediment loss on the southern end of the permit along an access road. Drainage from this area flows directly to Saucier Creek. Vegetation is very poor due to active mining. There is no debris disposal at this location. There is no office, etc. at this site.

James Matheny  
Mining and Reclamation Division  
Office of Geology  
MDEQ  
EXT 15527

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF GEOLOGY - MINING AND RECLAMATION DIVISION

INSPECTION REPORT

Operator: W. C. Fore, LLC Copy to Operator: Yes

Application/Permit #: P05-006A Acres: 113.5 Inspection Type: Initial

Inspected By: J. Matheny Date: 02-10-2010

Location of Operation: Section 28, Township 5 South, Range 11 West, Harrison County, Mississippi

Mining Status: A.L. 19958

MSR 321435

Within Permit Limits? Yes

Mining Without Permit? No

Mining Within 300 Feet  
of Occupied Dwelling? No

Mining Within 100 Feet  
of Right of Way? No

Identification Sign: Good

Monitor or Location Marker: Absent

Water Control: Adequate

Sediment Pond: Adequate

Sediment Runoff: Not Excessive

Dam(s) to Pond(s) Present: Appear Adequate

RECLAMATION

Progress: Adequate December, 2014

Plan Filed: Lake; 3:1 Grassed Slopes

Plan Implemented: Some sloping; Pond

Debris Disposal: Proper

Slopes: vary Horizontal to Vertical

Slope Condition: Unstable

Vegetative Cover: Poor

Comments: The operator must maintain permit boundary markers for the entire life of the mine. The operator must prevent water and sediment from leaving the southern end of this site. There appears to be erosion along the access road. This area drains directly to Saucier Creek.

BR Status:

BR Recommendation:





#1



#2



#3



#4

W.C. Fore P05-006A

A021010JM

page 2 of 5





#5



#6



#7



#8

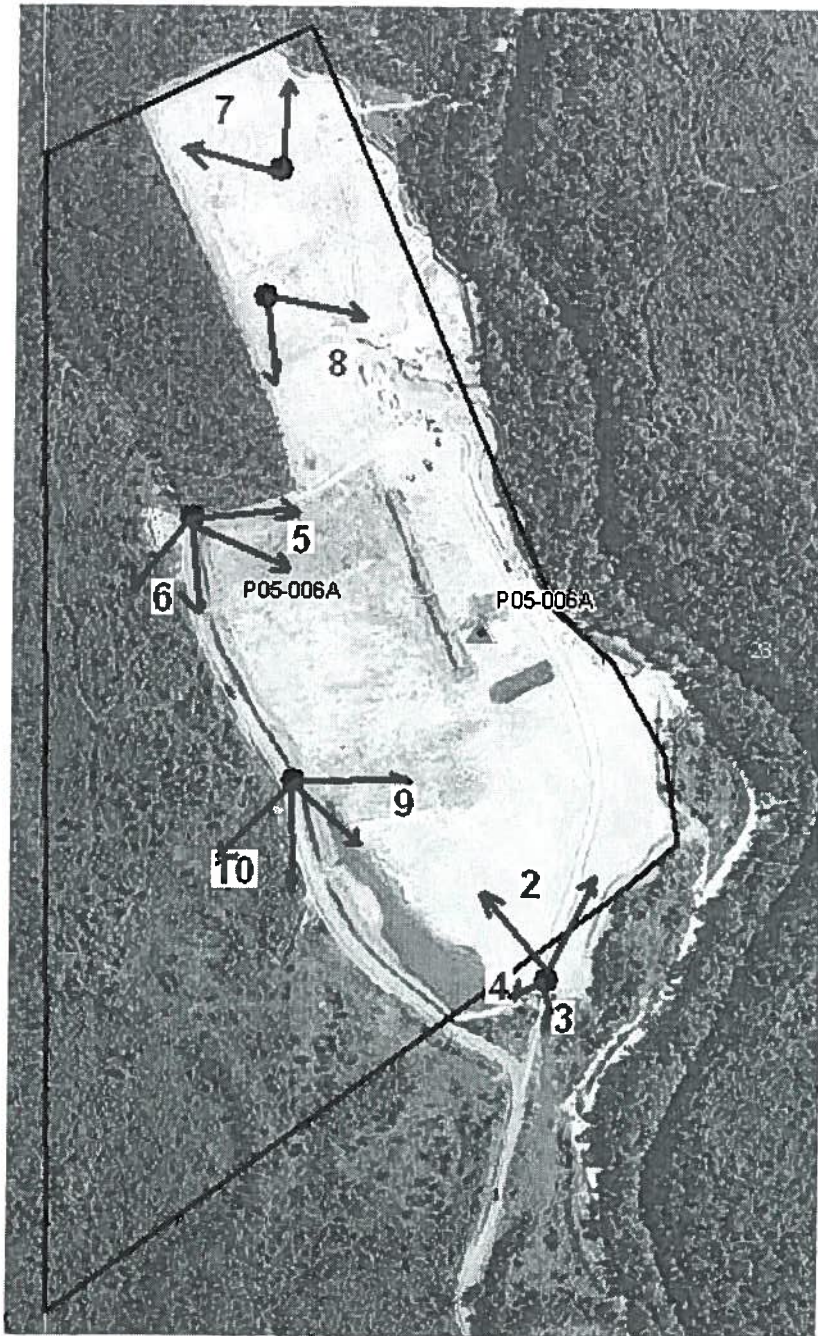


#9



#10





W.C. Fore P05-006A 113.5 acres  
in Harrison Co. Annual / Initial Insp.  
2/10/10 J.Matheny

**STATE OF MISSISSIPPI**  
HALEY BARBOUR  
GOVERNOR  
**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
TRUDY D. FISHER, EXECUTIVE DIRECTOR

February 26, 2010

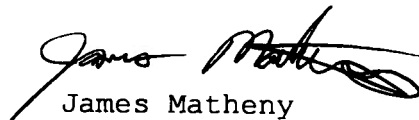
Mr. W. C. Fore  
W. C. Fore, LLC  
P. O. Box 3058  
Gulfport, MS 39505

Dear Mr. Fore:

Enclosed is a copy of the initial / annual inspection report for the area covered by Surface Mining Permit P05-006A in Harrison County Mississippi.

The operator must maintain permit boundary markers for the entire life of the mine. The operator must prevent water and sediment from leaving the southern end of this site. There appears to be erosion along the access road. This area drains directly to Saucier Creek.

Sincerely,



James Matheny  
Environmental Scientist  
Mining and Reclamation Division

Enclosure

AI #19958

6722100001

# MAJOR MODIFICATION FORM FOR MINING GENERAL PERMIT MSR32

JAN 26 2010



MISSISSIPPI DEPARTMENT OF  
ENVIRONMENTAL QUALITY

## INSTRUCTIONS

Coverage recipients shall notify the Mississippi Department of Environmental Quality of plans to expand the acreage or "footprint" of an existing mining activity or modify the existing mining operation. This form must be submitted when (check all that apply):

- ☐ SWPPP details have been developed and are ready for MDEQ review for subsequent phases of an existing, covered mining activity
- ☒ "Footprint" identified in the original MNOI is proposed to be enlarged (a modified SWPPP and an updated USGS topographic map must be submitted)
- ☐ Mine dewatering is proposed ☐ Mine dewatering has been discontinued
- ☐ Closed loop wash operations are proposed ☐ Closed loop wash operations have been discontinued

This form must be signed by the original coverage recipient under Mississippi's Mining General Permit. A different operator must have general permit coverage transferred prior to coverage being modified. Coverage recipients are authorized to discharge storm water associated with proposed expansions of dewater pits or operate a recirculation system with no discharge, under the conditions of the General Permit, only upon receipt of written notification of approval by the MDEQ. If mining activities change which will incorporate a hydraulic dredging operation or a discharge of process wastewaters to State waters additional permitting actions shall be required.

## COVERAGE RECIPIENT INFORMATION

COVERAGE RECIPIENT CONTACT PERSON: W. C. Fore

COMPANY NAME: W. C. Fore Trucking, Inc.

STREET OR P.O. BOX: P. O. Box 3058

CITY: Gulfport

STATE: Mississippi

ZIP: 39505

PHONE # (INCLUDE AREA CODE): 228-863-1314

## PROJECT INFORMATION

MINING STORM WATER GENERAL PERMIT COVERAGE NUMBER: MSR32 1 4 3 5

ADDITIONAL ACREAGE TO BE DISTURBED: 70

TOTAL ACREAGE: 113.15

MINE NAME: Wortham Road Pit

GEOLOGY APPLICATION/PERMIT NO. P05-006

CITY: Saucier

COUNTY: Harrison County

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 (must be signed by coverage recipient)

Date

W. C. Fore

Printed Name

President

Title

Please submit this form to:

Chief, Environmental Permits Division  
MS Department of Environmental Quality, Office of Pollution Control  
P.O. Box 2261  
Jackson, Mississippi 39225

Revision: 01/08/08

# W. C. FORE TRUCKING, INC.

P. O. Box 3058 • Gulfport, MS 39505 • (228) 863-1314 • fax (228) 864-0013

January 22, 2010

Chief, MS Environmental Permits Division  
Office of Pollution Control  
Post Office Box 2261  
Jackson, Mississippi 30225

RECEIVED  
JAN 26 2010  
Dept of Environmental Quality  
Office of Pollution Control

Reference: **Surface Mining Expansion Permit Application  
Wortham Road Pit, PO05-006, 70.0 Acre Expansion,  
Section 28, T6-South, R12-West  
Harrison County, Mississippi**

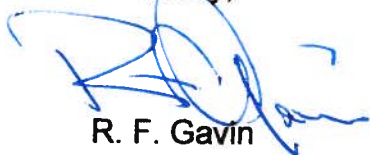
Dear Sir,

Pursuant to our telephone conversations with Mr. Ross Williams of Neel-Schaffer, Jackson Mississippi regarding the above captioned application, attached for your use/information are the below listed items.

- Major Modification Form for Mining General Permit MSR32
- Modified Storm Water Pollution Prevention Plan (SWPPP)
- Wortham road Pit Site Drawings
- Appendix A, Storm Water Reporting Forms
- Appendix B, Semi-Annual Storm Water Inspection Report Form
- Special Warranty Deed.

If you have any questions at all, please do not hesitate to call our office.

Sincerely,



R. F. Gavin

encl. As Noted

cc: Ross Williams E-Mail



**MODIFIED STORM WATER POLLUTION PREVENTION PLAN (SWPPP)  
WORTHAM ROAD PIT EXPANSION, P05-006A  
HARRISON COUNTY, MISSISSIPPI**

**PREPARED FOR:**

**W.C. FORE TRUCKING, INC.  
POST OFFICE BOX 3058  
GULFPORT, MISSISSIPPI 39505-3058**

**Prepared By:**

**Neel-Schaffer, Inc.  
P. O. Box 22625  
Jackson, Mississippi 39225-2625  
Telephone (601) 948-3071  
Fax (601) 948-3178**

**Modified  
October 1, 2009**

**Submitted  
October 15, 2009**

70  
44  
15  
1



## **1.0 INTRODUCTION**

Federal regulations (40 CFR 122, 123, and 124) require the preparation of a permit application for storm water discharges associated with certain industrial activities in accordance with the National Pollutant Discharge Elimination System (NPDES). As part of the requirements for coverage under the Mining Storm Water General NPDES Permit MSR32, the Storm Water Pollution Prevention Plan (SWPPP) previously prepared for the original surface mining permit P05-006 must be modified and implemented to incorporate the addition of 70 acres at the facility. Neel-Schaffer, Inc. was retained by W.C. Fore Trucking, Inc. of Gulfport, Mississippi to modify the current SWPPP to incorporate an additional 70 acres into the previously permitted 43.15 acres for a combined total of 113.15 acres for the proposed Wortham Road Pit Expansion P05-006 amendment. This SWPPP replaces the previously submitted SWPPP for the operations at the facility. The purpose of the SWPPP is to identify potential on-site sources of storm water pollution, describe best management practices (BMPs) or control measures, and maintain compliance with the terms and conditions of the Mining Stormwater General Permit - MSR32. This SWPPP was prepared in accordance with the Mississippi Department of Environmental Quality (MDEQ) *Mississippi SWPPP Guidance Manual for Industrial Facilities* and the *SWPPP Guidance Manual for Construction Activities*.

## **2.0 FACILITY DESCRIPTION**

The proposed expansion of the Wortham Road Pit expansion will engage in the further excavation of native soils and transportation of them from the site. Materials stockpiled at the site will include soils awaiting transport. A sedimentation pond will be constructed as part of the mining activities. This sedimentation pond (s) will be within the excavation since the mining will commence at the surface and continue below natural topographic grade. Other typical operations at the facility may include vehicle maintenance and fueling and storage of motor fuels in above ground storage tanks. The surface mining operation is classified as Standard Industrial Classification (SIC) 1442 – Construction Sand and Gravel.

## **3.0 SITE INFORMATION**

### **3.1 Site Location**

The subject property encompasses approximately 640 acres in Harrison County, with approximately 43.15 acres presently permitted as a surface mine (P05-006). An additional 70 acres is being proposed for a total of 113.15 acres of surface mining activity. The property is located north of Wortham Road, east of Saucier Road and west of Saucier Creek, Harrison County, Mississippi, approximately nine miles north of Gulfport, Mississippi. The site is situated in the west ½ of Section 28, Township 5 South, Range 11 West. A portion of the *Gulfport NW, 7.5 Minute Series Topographic Map*, showing the location of the property is attached as Figure 2, 4, 5, 6, and 7.

### **3.2 Site Characteristics and Drainage**

A portion of the property is currently being mined with the remaining being undeveloped and having recently been cleared of standing vegetation. An access road currently exists through a portion of the mining area. The topography of the surface mine area and the proposed expansion area encompasses a hilltop and a northwest/southeast lineated ridge. Current surface drainage pattern is east-southeast from the ridge toward Saucier Creek. A map showing the previous surface mining permit area, the proposed expansion area of the surface mining permit, and generalized site drainage is presented as Figure 2. Saucier Creek bounds the proposed mining area to the east and southeast. The west boundary of the property, that being the west section line of Section 28, which is topographically higher in elevation, bounds



the permit expansion area to the west. The mining development plan stipulates a 100 foot buffer east of the west line of Section 28 and a the east and southeast permit line of the previously permitted area, which is west of Saucier Creek and is a minimum of 150 feet from the

#### **4.0 POLLUTION PREVENTION TEAM**

The Pollution Prevention Team (PPT) is responsible for oversight, implementation, maintenance, and any necessary revisions to the SWPPP. Members of the Wortham Road Pit Surface Mine PPT are W.C. Fore, President and Team Leader, and Lamont Ladner. Specifically, team responsibilities include identifying pollutant sources and risk, choosing best management practices (BMPs), and assessing the SWPPP effectiveness. The PPT leader (PPTL) will keep up-to-date on all site operations and ensure that changes are made to the SWPPP, as needed.

#### **5.0 POTENTIAL SOURCES OF STORM WATER POLLUTANTS**

##### **5.1 Narrative Description of Activities and Significant Materials**

Potential sources of storm water pollution during operation of the proposed surface mine are as follows:

- Vehicle and equipment maintenance;
- Liquid storage in above ground storage tanks;
- Equipment fueling; and
- Freshly exposed soil.

Incidental contaminants from heavy equipment and trucks, such as oil, grease, and fuel, may be present due to minor leaks, spills, or other causes. The maximum flow anticipated from this type of release is expected to be insignificant.

##### **5.2 Significant Spills or Leaks**

Significant spills or leaks are defined by federal regulations as a release within a 24-hour period of a hazardous substance or oil in an amount equal to, or in excess of, a reportable quantity listed in 40 CFR Part 117 and 40 CFR Part 302. To the knowledge of the landowner, no significant spills or leaks have occurred at the site to date (see Worksheet #2b).

Significant spills or leaks which could potentially occur in the future will be reported to the proper authorities in accordance with Federal Regulations. In such an event, documentation shall include the following information, as appropriate:

- Date of spill;
- Weather conditions;
- Duration of spill;
- Cause of spill;
- Environmental problems created by spill;
- Response procedures;
- Parties notified;
- Recommended revisions to the SWPPP and operating procedures; and
- Equipment needed to prevent recurrence.

## **6.0 NON-STORM WATER DISCHARGE CERTIFICATION**

Federal law and the General Permit virtually prohibit all non-storm water discharges unless specifically permitted under an NPDES Permit. As required by the General Permit, a Non-Storm Water Discharge Evaluation and Certification is included in Worksheet #2c. Potential non-storm water discharges will be monitored during monthly site inspections, as well as the annual evaluation.

## **7.0 STORM WATER MANAGEMENT CONTROLS**

BMPs for the identified potential sources of storm water will be developed based on risk identification, assessment, and material inventory of potential sources at the site. The BMPs for the identified sources potential storm water pollution are presented on Worksheet #3a. Typical BMPs that will be employed are described below.

### **7.1 Sediment and Erosion Control**

A combination of silt fences, straw bale barriers, sediment ponds, and cleared timber will be used as erosion controls on disturbed areas to prevent sediment from reaching any intermittent receiving stream, lake, or storm water drainage ditch. Erosion controls will be put in place prior to soil disturbance. Seeding where practical, will also be used to stabilize soils in areas that will not be disturbed again for 30 days or more. The seeding chart contained in the MDEQ *Mississippi SWPPP Guidance Manual for Construction Activities* will be used as guidance. An aggregate-stabilized construction entrance will be utilized to prevent sediment tracking onto public roads.

### **7.2 Preventive Maintenance**

The preventive maintenance program, which has been and will be maintained at the proposed Wortham Road Pit Surface Mine, will involve the inspection and maintenance of storm water management devices and the inspection of potential pollutant sources to preclude breakdowns, or failures, which could result in discharges of polluted storm water. Maintenance of storm water management devices, performed as part of this program, and other routine maintenance programs include the following:

- Cleaning accumulated sediment from conveyance systems;
- Clearing of debris from drainage culverts; and
- Checking containment structures.

### **7.3 Good Housekeeping**

Good housekeeping practices will be implemented and are intended to keep the facility clean and orderly, thus minimizing the potential for contribution to storm water runoff. Good housekeeping involves the following categories:

- Operation and Maintenance;
- Material Storage; and
- Material inventory.

### **7.3.1 Operation and Maintenance**

The following general practices have been incorporated into the Wortham Road Pit Surface Mine good housekeeping program and will remain in place for the proposed expansion area:

- Regularly pick up and dispose of garbage, debris or waste material found in, and around, the facility;
- Drip pans or buckets will be utilized beneath connections during loading/unloading operations of motor fuels, as applicable;
- All equipment will be inspected once every month to ensure proper working conditions; and
- Inspections for leaks that could lead to discharges of chemicals, or for conditions where storm water contacts raw materials, waste materials or products will be performed monthly.

### **7.3.2 Material Storage Practices**

Drums will not typically be used at the facility. Should drums be stored, the following proper storage techniques will be followed:

- Storage containers, and drums will be moved away from direct traffic routes to prevent accidental spills;
- Containers will be stored on pallets, or similar devices, to prevent corrosion of the containers which can result when in contact with moisture on the ground; and
- The responsibility of hazardous material inventory will be assigned to a limited number of people who are trained to handle hazardous materials.

### **7.3.3 Material Inventory Procedures**

The following inventory procedures will be followed:

- All chemical substances present in the work place will be identified. All purchase orders for chemical substances will be reviewed. All chemical substances used in the work place will be listed and Material Safety Data Sheets (MSDS) will be retained on file for each chemical;
- All containers will be labeled to show the name, type of substance, stock number, expiration date, health hazards, suggestions for handling, and first aid information; and
- All hazardous waste materials and recyclable materials which require special handling, storage, use, and special consideration will be clearly marked on the container.

## **7.4 Spill Plans and Response Procedures**

Procedures for cleaning up spills, or releases, of potential pollutants are as follows:

- Personnel involved in the clean up will take precautions to protect personal health and safety, as outlined in the MSDS for the spilled or released substance;
- All spills and releases of potential pollutants which could potentially contaminate storm water are to be completely contained upon discovery;
- The source material of the spill will be identified and halted immediately;

- The spilled material will be cleaned up immediately, if needed;
- The spilled or released material and all disposable equipment, contaminated equipment will be disposed of in appropriate containers; and
- Non-disposable equipment shall be decontaminated or, disposed of, in accordance with 40 CFR Parts 260-265.

In the event of a hazardous material release, an employee shall contact the team leader. In the event of a small localized spill, an employee will immediately pour non-combustible sorbent material on the affected area. Arrangements will be made for proper disposal according to 40 CFR Parts 260-265.

The team leader and a pollution prevention team member will be notified of any spills, or releases. Spills, or releases, which are not fully contained, will be reported to the appropriate agency or agencies which are listed in Appendix A. Records of spills or releases will be documented on Worksheet #2b.

### **7.5 Employee Training**

Effective management of storm water pollution requires that all facility staff be familiar with those conditions that may cause pollution. Furthermore, day-to-day proper use of BMPs by all employees is essential for the success of the SWPPP. Mr. W.C. Fore, the designated PPTL, will be responsible for implementation of the guidelines established in the SWPPP.

The PPTL is responsible for employee training at the Wortham Road Pit Surface Mine. Training objectives will consist of: (1) spill prevention and response, (2) good housekeeping practices, (3) material management practices, and (4) other general BMPs. Training will be conducted on an annual basis, and the information will be reviewed with new employees during their employee orientation. Regular feedback regarding the implementation and maintenance of the storm water management practices should be obtained from operations staff by the PPTL. In addition, the PPTL will annually evaluate the effectiveness of the training program and make improvements to promote employee awareness (see Worksheet 3B).

### **7.6 Visual Site Inspections**

W.C. Fore Trucking, Inc. will continue to perform inspections of all erosion controls and other SWPPP requirements during permit coverage for the Wortham Road Pit Surface Mine. The inspections will be performed at least once every seven (7) calendar days; within 24 hours after commencement of a rainfall event greater than or equal to a two (2) year, 24-hour storm event; and as often as is necessary to ensure that appropriate erosion and sediment controls have been properly constructed and maintained. The inspections will determine if additional or alternative control measures are required. A rain gauge at the site will be used to measure precipitation or readily available rainfall data from a source such as the National Oceanographic and Atmospheric Administration (NOAA) may be accessed at <http://water.weather.gov>. Inspections will be recorded on the MDEQ "Semi-Annual Storm Water Site Inspection Report Form" as presented in Appendix B. Non-functioning erosion controls will be repaired, replaced, or supplemented with functional controls within 24 hours of discovery, or as soon as field conditions allow.

## **8.0 NON-NUMERICAL LIMITATIONS, INSPECTIONS, RECORD KEEPING AND REPORTING**

### **8.1 Storm Water Discharge Limitations**

Storm water will be free from:

- Debris, oil scum, and other floating materials other than in trace amounts;
- Eroded soils and other materials that will settle to form objectionable deposits in receiving stream streams;
- Suspended solids, turbidity, and color at levels inconsistent with receiving streams; and
- Chemicals in concentrations that would cause violation of state water quality criteria in receiving streams.

### **8.2 Annual Site Evaluations**

In addition to monthly visual inspections, the general permit requires that a comprehensive site compliance evaluation be conducted at least annually. The objective of the evaluation is to assess the overall effectiveness of the SWPPP, and to modify, or improve, the SWPPP, as needed. Findings documented from monthly visual inspections will be considered as part of the annual site evaluation. The MDEQ "Inspection Report and Certification Form For Storm Water Pollution Prevention Plan Evaluation" is included in Appendix B. The annual inspection will address the following elements:

- Determine if pollution prevention measures are accurately identified in the plan and are in place and working;
- Inspect outfalls for evidence of pollutants which may adversely affect receiving streams;
- Verify and update potential pollutant sources;
- Document findings; and
- Complete needed SWPPP modifications.

### **8.3 Record Keeping**

Records obtained during (1) monthly visual inspections and (2) the annual site evaluation will be retained onsite for a minimum of three (3) years after the date for the inspection. The PPTL will be responsible for implementing record keeping procedures.

### **8.4 Reporting**

The Inspection Report and Certification Form for SWPPP Evaluation will be submitted annually, postmarked no later than the 28<sup>th</sup> day of January. The report forms will be submitted to the MDEQ at the following address:

Chief, Environmental Compliance and Enforcement Division  
Office of Pollution Control, Mississippi Department of Environmental Quality  
Post Office Box 10385  
Jackson, Mississippi 39289-0385

In the event of anticipated, or unanticipated, noncompliance with the Storm Water General Permit requirements the following procedures will be followed:

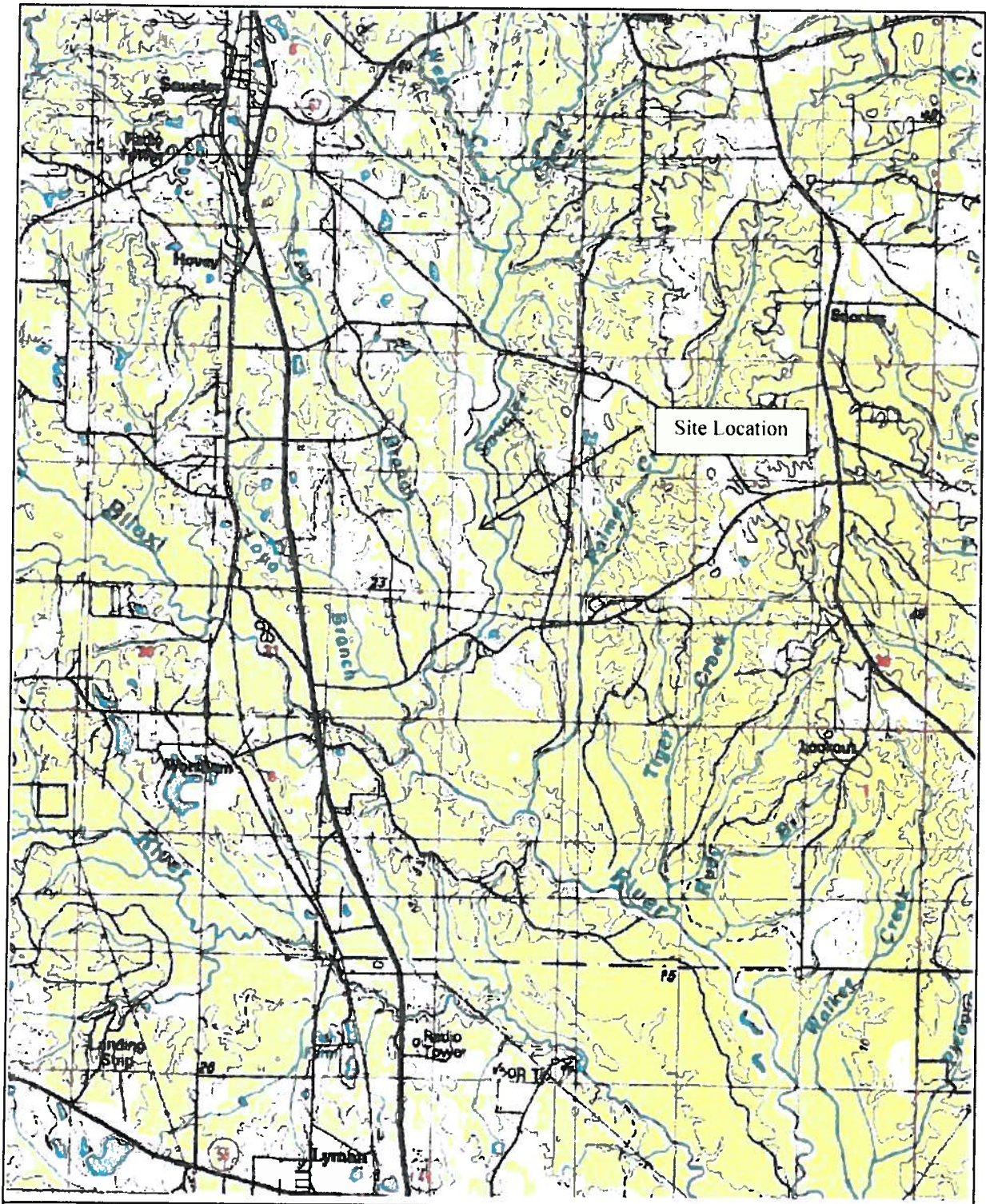
- Anticipated Noncompliance – The owner or operator will give at least ten (10) days advance warning, if possible, before any planned noncompliance with the permit; or
- Unanticipated Noncompliance – The owner or operator will notify the MDEQ orally within twenty-four (24) hours from the time that he, or she, becomes aware of unanticipated noncompliance. A written notice will be provided to the MDEQ within five (5) working days of the time that he, or she, becomes aware of the circumstances. The written report must describe the cause, exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence of the noncompliance and if the noncompliance has not ceased, the anticipated time for correction.

#### **8.5 Annual SWPPP Update**

Based upon the findings of the annual site evaluation, W.C. Fore Trucking, Inc. will amend the SWPPP whenever there is change in design, construction, operation, or maintenance, which may potentially increase in controlling storm water pollutants. W.C. Fore Trucking, Inc. will submit the amended SWPPP to the MDEQ within 30 days following any amendments.

## ***Figures***





W. C. Fore, LLC  
 Wortham Road Pit  
 Surface Mine Permit Expansion  
 Harrison County, Mississippi

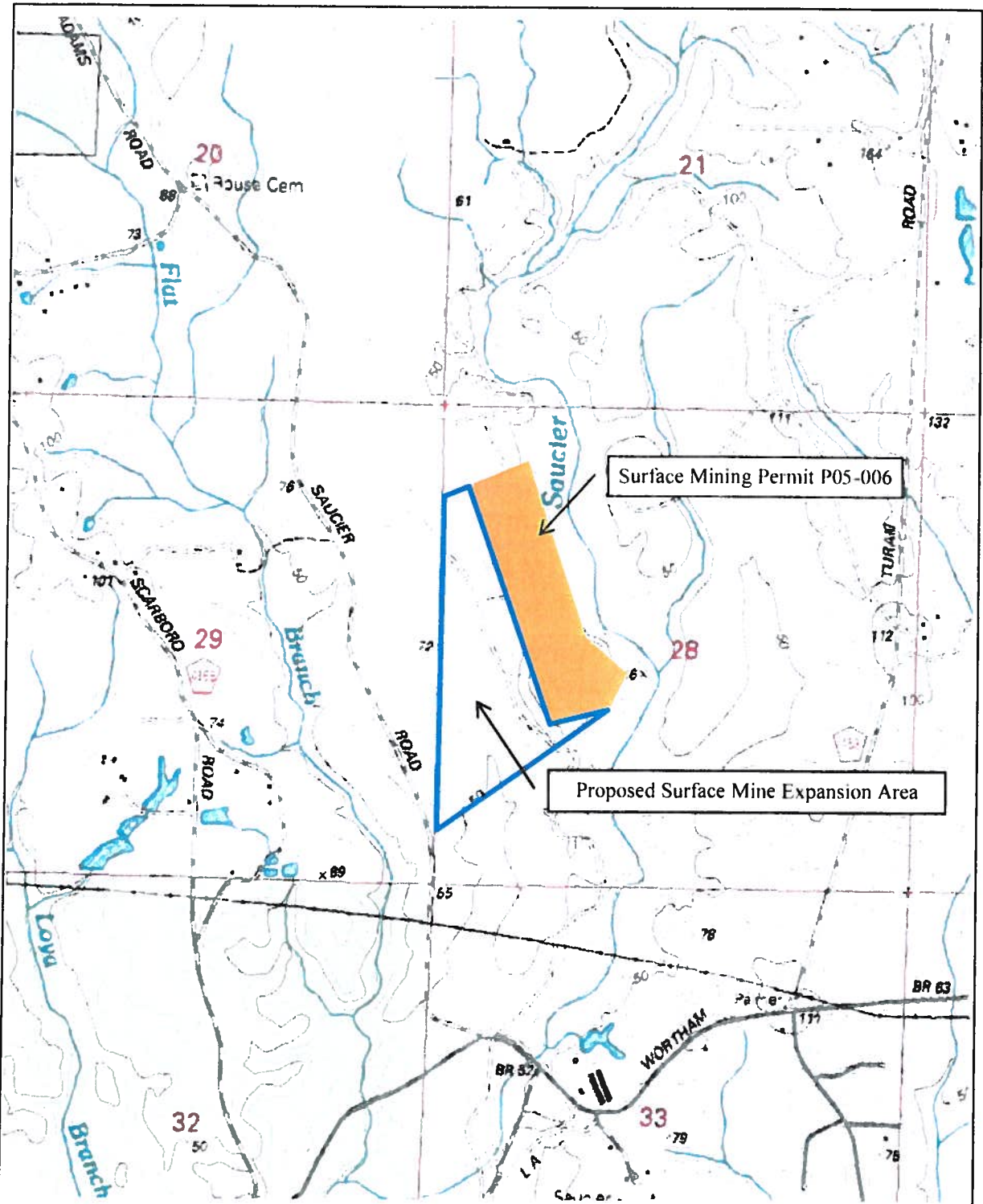


Figure 1  
 Site Location Map

Generated By:	RDW	09/29/09	SCALE
Checked By:	JEM	10/02/09	1"=6,850'







W. C. Fore, LLC  
Wortham Road Pit  
Surface Mine Permit Expansion  
Harrison County, Mississippi



Figure 2  
Proposed Surface Mine Permit  
Expansion Area Map

Generated By:

RDW

09/29/09

SCALE

Checked By:

JEM

10/02/09

1" = 1700'







W. C. Fore, LLC  
 Wortham Road Pit  
 Surface Mine Permit Expansion  
 Harrison County, Mississippi



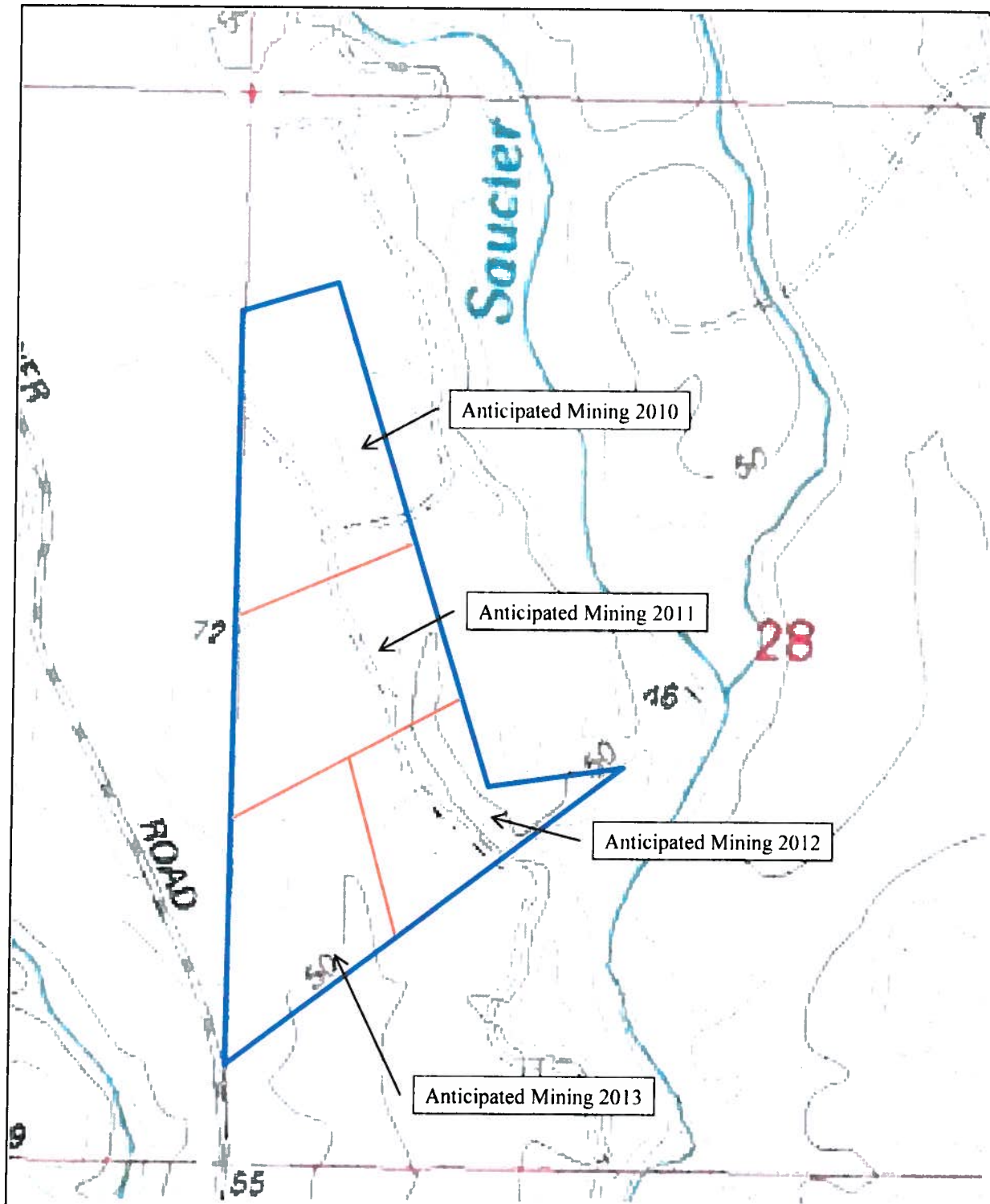
Figure 3  
 2006 Aerial View Map

Generated By:	RDW	09/29/09
Checked By:	JEM	10/02/09

SCALE
1"=1565'







W. C. Fore, LLC  
 Wortham Road Pit  
 Surface Mine Permit Expansion  
 Harrison County, Mississippi

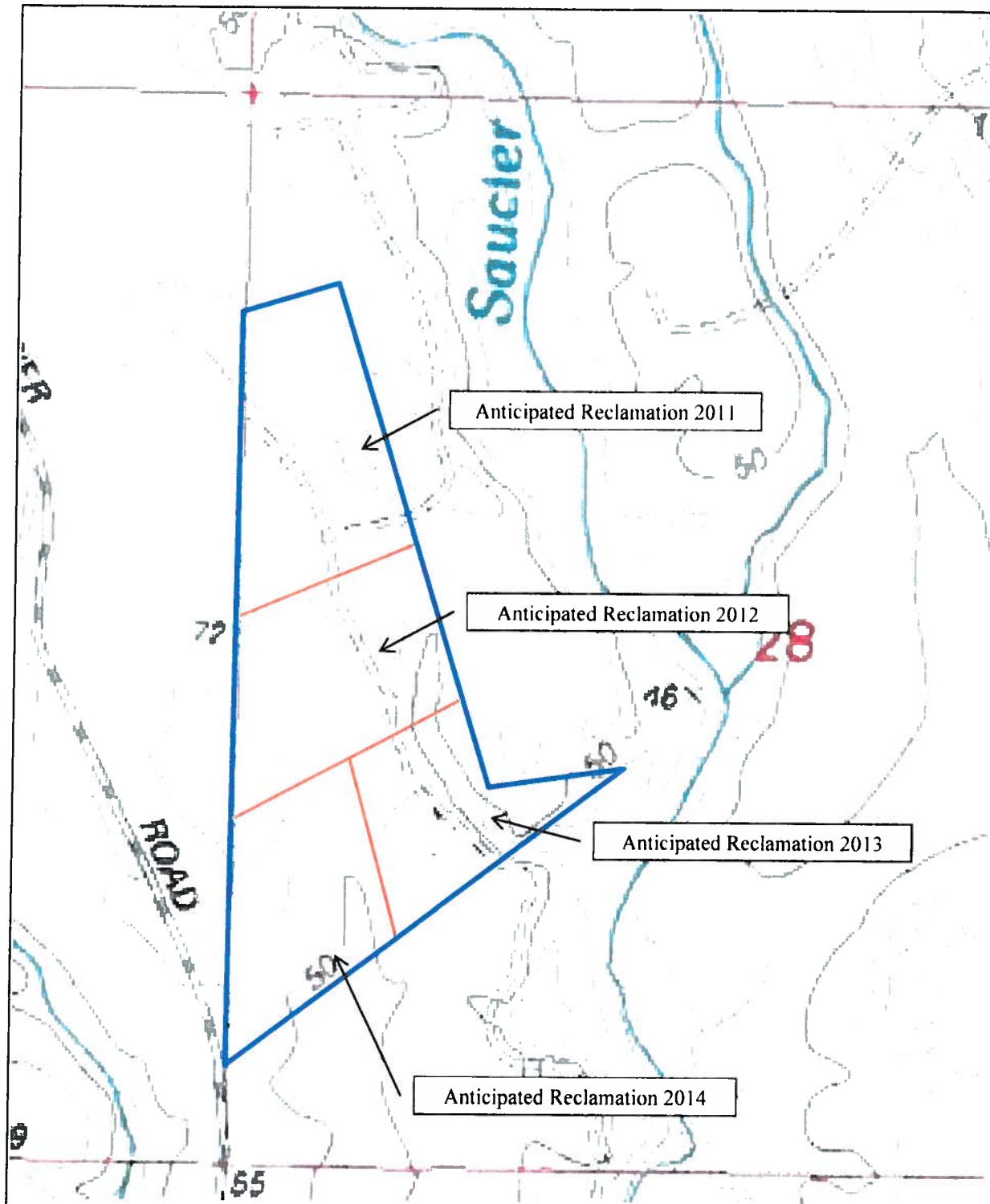


Figure 4  
 Proposed Yearly Mining Plan

Generated By:	RDW	09/29/09
Checked By:	JEM	10/02/09

SCALE  
 1" = 750'





W. C. Fore, LLC  
 Wortham Road Pit  
 Surface Mine Permit Expansion  
 Harrison County, Mississippi

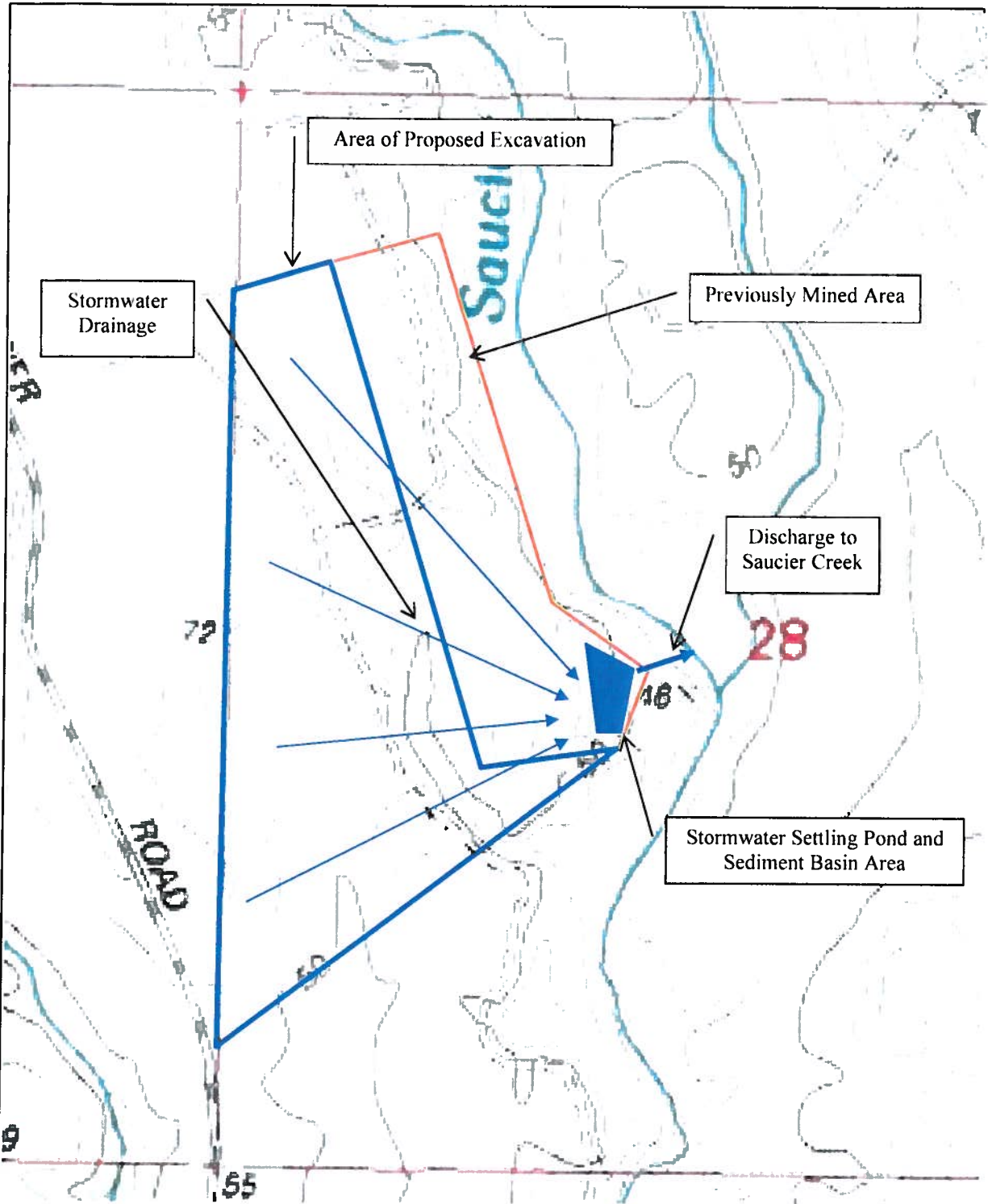


Figure 5  
 Proposed Yearly Reclamation  
 Plan

Generated By:	RDW	09/29/09
Checked By:	JEM	10/02/09

SCALE  
 1" = 750'



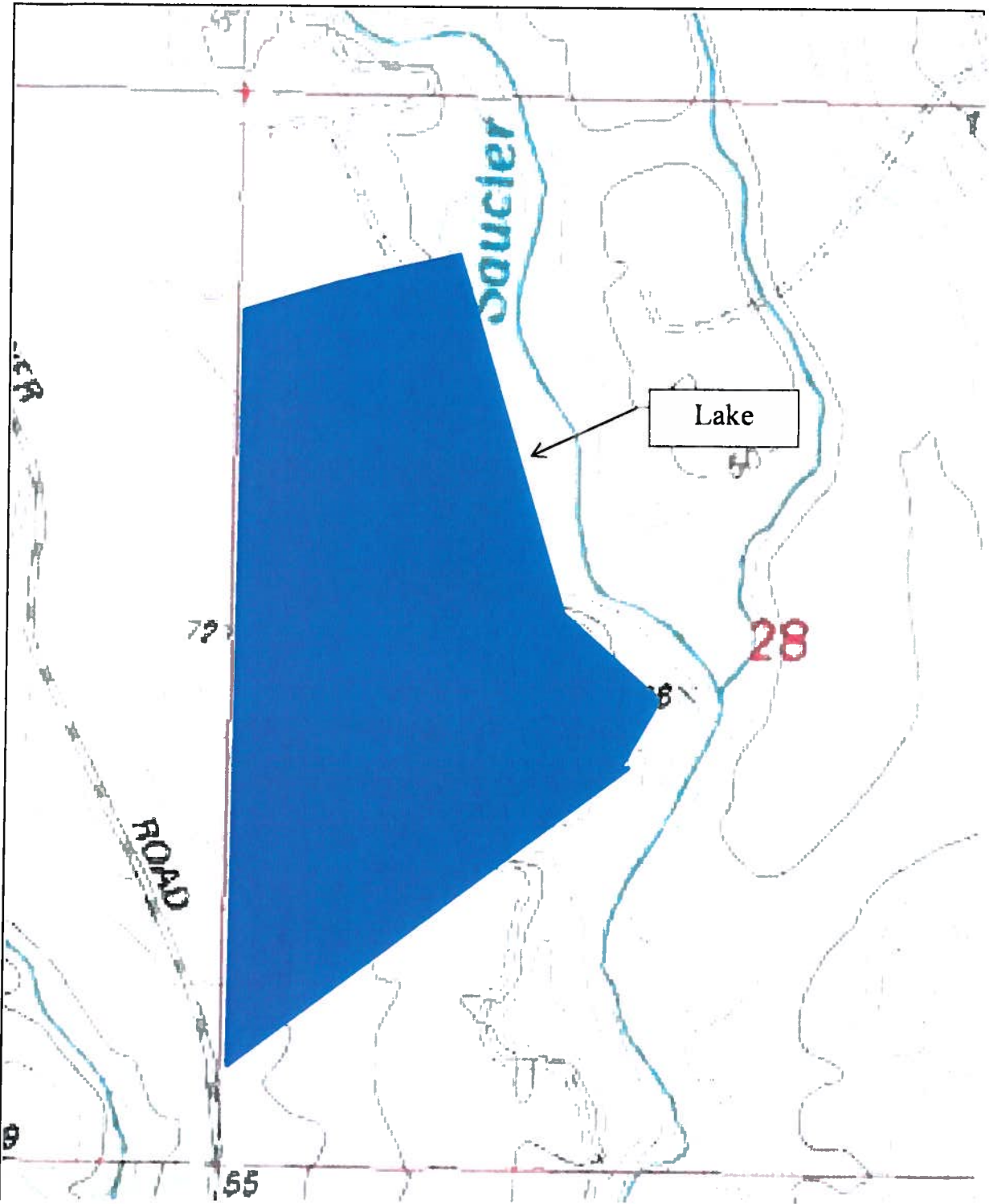


W. C. Fore, LLC  
 Wortham Road Pit  
 Surface Mine Permit Expansion  
 Harrison County, Mississippi



Figure 6  
 General Site Plan

Generated By:	RDW	09/29/09	SCALE	
Checked By:	JEM	10/02/09	1" = 750'	



W. C. Fore, LLC  
 Wortham Road Pit  
 Surface Mine Permit Expansion  
 Harrison County, Mississippi



Figure 7  
 Post Mining Reclamation Plan

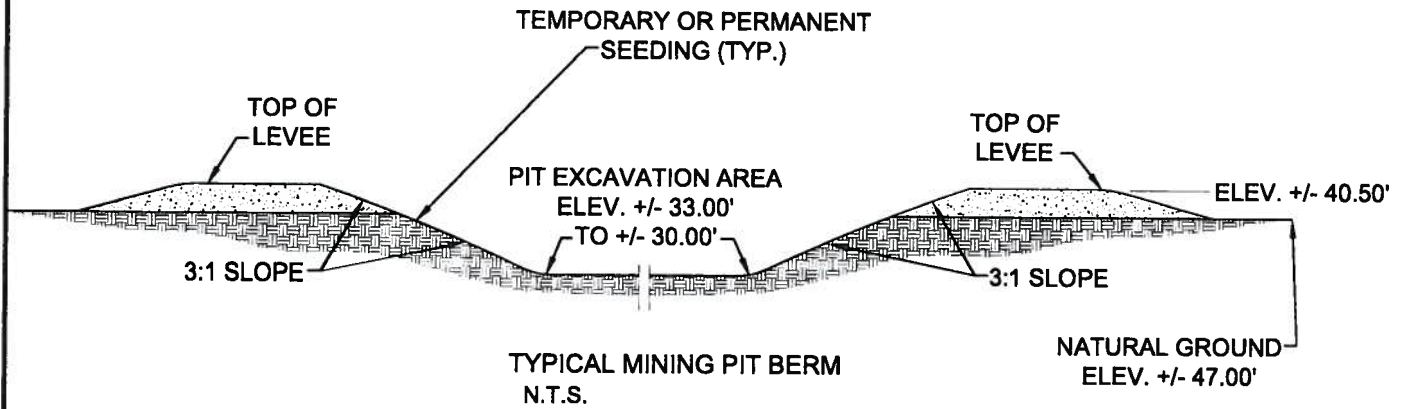
Generated By:	RDW	09/29/09	SCALE
Checked By:	JEM	10/02/09	1" = 750'



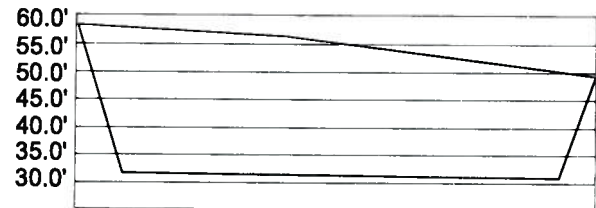


WEST

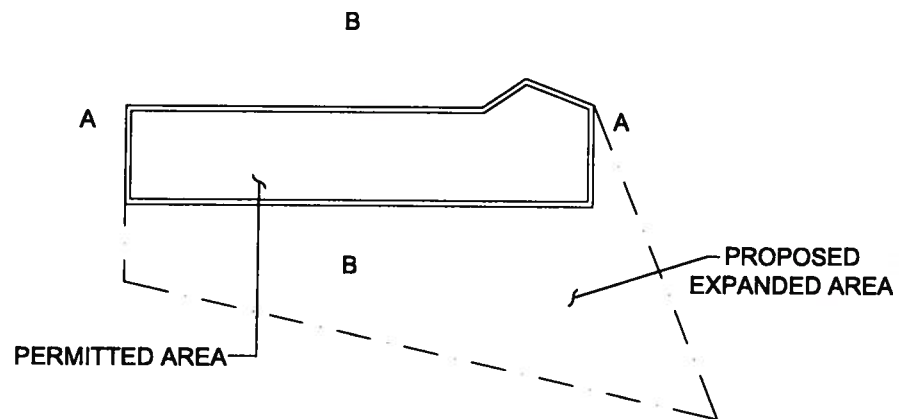
EAST



SECTION B-B  
N.T.S.



SECTION A-A  
N.T.S.



W.C. FORE, LLC.  
WORTHAM ROAD PIT EXPANSION  
WORTHAM ROAD  
SAUCIER, MS 39574

Project No.: 7803.01



**NEEL-SCHAFFER**  
*Solutions you can build upon*

Drawn By:	M.L.B.	Date:	10-7-09
Checked By:	R.D.W.		

CROSS SECTION DETAILS

Scale:  
N.T.S.

FIGURE 8

## ***Appendix A***

## **REGULATORY AGENCIES**

1. National Response Center  
Open 24 hours per day, 365 days per year  
Telephone (800) 424-8802
2. Emergency Response Staff  
Mississippi Department of Environmental Quality  
2380 Highway 80 West  
Jackson, Mississippi 39289  
Telephone (601) 354-9100 (24 hour)
3. Mississippi Emergency Management Agency  
1410 Riverside Drive  
Jackson, Mississippi 39202  
Telephone (601) 352-9100 (24 hour)



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

**For:** Wortham Road Pit Surface Mine  
Facility Name

Wortham Road, Harrison County, MS  
Facility Location

**Under Mississippi's**

Mining **Storm Water General NPDES Permit**  
(Type of Permit: Baseline, Wood Treater, etc.)

**Coverage No. MSR**                     

**SWPPP Manager:** W.C. Fore

**Title:** President **Telephone #:** (228) 863-1314

**SWPPP Committee Members (list), if applicable:**


Lamont Ladner (228) 297-1317

I certify under penalty of law that the information submitted is, to the best of my knowledge, true, accurate and complete.

  
**Signature**

W.C. Fore W.C. Fore  
**Printed Name**

10-19-09  
**Date Signed**

 President  
**Title**

# Worksheet #2a

[illegible]

# Worksheet #2b

**Directions:** Record below all significant spills and significant leaks of toxic or hazardous pollutants that have occurred at the facility as of July 14, 1992 (See page 5 of the guidance manual).

[illegible]



# **NON-STORM WATER DISCHARGE EVALUATION AND CERTIFICATION**

**Worksheet #2c**

<b>Outfall No.</b>	<b>Date of Evaluation</b>	<b>Method Used to Test or Evaluate Discharge</b>	<b>If Evaluation is Impossible Give Reason</b>	<b>Is Non-Storm Water Being Discharged? (Yes/No)</b>	<b>List Likely Sources of Non-Storm Water Discharges</b>	<b>Person(s) Who Conducted the Test or Evaluation</b>
						r

## **CERTIFICATION**

I certify under penalty of law that is, to the best of my knowledge and belief, true, accurate, and complete (see permit Part V.G.).

**A. Name & Official Title (type or print)**

W.C. Fore  
President

**B. Area Code and Telephone No.**

(228) 863-1314

**C. Signature**

**D. Date Signed**

(Make additional copies of this form as needed)

## EXISTING AND PROPOSED BMPs

Worksheet #3a

**Instructions:** List all identified actual and potential storm water pollution sources and describe existing management practices and proposed BMPs with implementation schedule.

Potential Pollution Sources	Existing BMPs	Proposed BMPs	Implementation Schedule
1. Vehicle and Equipment Maintenance	none	Check for leaking oil and fluids, use nontoxic and low-toxicity materials, drain oil filters before disposal, do not pour liquid waste down drains, recycle engine fluids and batteries.	Upon opening of surface mine
2. Liquid Storage in Above-Ground Tanks	none	Maintain secondary containment, routinely inspect tanks and equipment, comply with applicable state and federal laws, properly train employees.	Upon opening of surface mine
3. Equipment Fueling	none	Provide delivery vehicles for unloading area with flow diversion system, contain leaks during transfer, do not leave transfer operations unattended, do not top off tanks.	Upon opening of surface mine
4. Freshly Exposed Soil	none	Vegetate areas as soon as possible, contain run-on/run-off with earthen berms, silt fencing, and hay/straw bales.	Upon opening of surface mine

# EMPLOYEE TRAINING

## Worksheet #3b

**Instructions:** Describe the employee training program for your facility below. The program should, at a minimum, address spill prevention and response, good housekeeping, and material management practices. Provide a schedule for the training program and list the employees who attend training sessions.

Training Topics	Brief Description of Scheduled Training Program/Materials (e.g., film, seminar, staff meeting)	Proposed Frequency of Training (e.g., once per quarter)	Who will attend?
Spill Prevention And Response	Bulk delivery transfer, equipment fueling protocols, response in the event of a spill.	Annually and at New Employee Orientation	All Wortham Road Mine Employees and new hires.
Good Housekeeping	A staff meeting will be held and the operation and maintenance, material storage, and material inventory practices will be discussed and reviewed.	Annually and at New Employee Orientation	All Wortham Road Mine Employees and new hires.
Material Management Practices	A staff meeting will be held and proper management practices for all materials listed on Worksheet 2a and 3a will be discussed and reviewed.	Annually and at New Employee Orientation	All Wortham Road Mine Employees and new hires.
Other Topics	Storm water control measures such as inspection/replacement of silt fencing, straw/hay bales, and earthen berms.	Annually and at New Employee Orientation	All Wortham Road Mine Employees and New hires.

29

# Worksheet #2a

[illegible]



# **LIST OF SIGNIFICANT SPILLS AND LEAKS**

**Worksheet #2b**

**Directions:** Record below all significant spills and significant leaks of toxic or hazardous pollutants that have occurred at the facility as of July 14, 1992 (See page 5 of the guidance manual).

Date (Month/day/Year)	Spill or Leak (S/L)	Location (as indicated on site map)	Description  Type of Material	Response Procedure		Preventive Measures Taken  (Add additional sheets if necessary)
				Amount of Material Recovered	Material Exposed to Storm Water (Y/N)	
None have occurred						

# **NON-STORM WATER DISCHARGE EVALUATION AND CERTIFICATION**

**Worksheet #2c**

Outfall No.	Date of Evaluation	Method Used to Test or Evaluate Discharge	If Evaluation is Impossible Give Reason	Is Non-Storm Water Being Discharged? (Yes/No)	List Likely Sources of Non-Storm Water Discharges	Person(s) Who Conducted the Test or Evaluation
						r

## **CERTIFICATION**

I certify under penalty of law that is, to the best of my knowledge and belief, true, accurate, and complete (see permit Part V.G.).

**A. Name & Official Title (type or print)**

W.C. Fore  
President

**B. Area Code and Telephone No.**

(228) 863-1314

**C. Signature**

**D. Date Signed**

(Make additional copies of this form as needed)

## EXISTING AND PROPOSED BMPs

Worksheet #3a

**Instructions:** List all identified actual and potential storm water pollution sources and describe existing management practices and proposed BMPs with implementation schedule.

Potential Pollution Sources	Existing BMPs	Proposed BMPs	Implementation Schedule
1. Vehicle and Equipment Maintenance	none	Check for leaking oil and fluids, use nontoxic and low-toxicity materials, drain oil filters before disposal, do not pour liquid waste down drains, recycle engine fluids and batteries.	Upon opening of surface mine
2. Liquid Storage in Above-Ground Tanks	none	Maintain secondary containment, routinely inspect tanks and equipment, comply with applicable state and federal laws, properly train employees.	Upon opening of surface mine
3. Equipment Fueling	none	Provide delivery vehicles for unloading area with flow diversion system, contain leaks during transfer, do not leave transfer operations unattended, do not top off tanks.	Upon opening of surface mine
4. Freshly Exposed Soil	none	Vegetate areas as soon as possible, contain run-on/run-off with earthen berms, silt fencing, and hay/straw bales.	Upon opening of surface mine

## EMPLOYEE TRAINING

### Worksheet #3b

**Instructions:** Describe the employee training program for your facility below. The program should, at a minimum, address spill prevention and response, good housekeeping, and material management practices. Provide a schedule for the training program and list the employees who attend training sessions.

Training Topics	Brief Description of Scheduled Training Program/Materials (e.g., film, seminar, staff meeting)	Proposed Frequency of Training (e.g., once per quarter)	Who will attend?
<b>Spill Prevention And Response</b>	Bulk delivery transfer, equipment fueling protocols, response in the event of a spill.	Annually and at New <input type="checkbox"/> Employee Orientation	All Wortham Road Mine Employees and new hires.
<b>Good Housekeeping</b>	A staff meeting will be held and the operation and <input type="checkbox"/> maintenance, material storage, and material inventory <input type="checkbox"/> practices will be discussed and reviewed.	Annually and at New <input type="checkbox"/> Employee Orientation	All Wortham Road Mine Employees and new hires.
<b>Material Management Practices</b>	A staff meeting will be held and proper management practices for all materials listed on Worksheet 2a and 3a will be <input type="checkbox"/> discussed and reviewed.	Annually and at New <input type="checkbox"/> Employee Orientation	All Wortham Road Mine Employees and new hires.
<b>Other Topics</b>	Storm water control measures such as inspection/replacement of silt fencing, straw/hay bales, and earthen berms.	Annually and at New <input type="checkbox"/> Employee Orientation	All Wortham Road Mine Employees and New hires.

## ***Appendix B***



COVERAGE NUMBER (MSR32 \_\_\_\_\_)  
SEMI-ANNUAL STORM WATER SITE INSPECTION REPORT FORM  
MINING GENERAL PERMIT

ENVIRONMENTAL QUALITY  
INVESTMENT FUND

Results of the inspections required by ACT7 of this permit shall be recorded on this report form and submitted semi-annually (postmarked no later than the 28th day of July and January). In addition, copies of all completed forms shall be retained on-site or locally available. Inspections must be performed monthly and after a 25-year, 24-hour storm event (approx. 6-inches on Gulf Coast to 4-inches at MS/TN State Line). The last submittal of the Semi-Annual Site Inspection Report Form (due no later than January 28, 2012), shall be deemed to be a "Notice of Intent" for re-coverage under a reassured Mining General Permit if signed by a responsible officer according to ACT14, T-4 of this permit. Resubmittal of the Storm Water Pollution Prevention Plan (SWPPP) for recoverage is not required if the SWPPP is on-site, current and adequately addresses the sources of pollution at the operation. The coverage number must be listed at the top of all Site Inspection Report Forms.

**COVERAGE RECIPIENT INFORMATION**

INSPECTION PERIOD: ☐ JAN - JUN ☐ JUL - DEC YEAR \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_ MINE NAME: \_\_\_\_\_

MINE LOCATION: \_\_\_\_\_ GEOLOGY APPLICATION/PERMIT NO. \_\_\_\_\_

PROJECT CITY: \_\_\_\_\_ COUNTY: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

MAILING CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_ CONTACT PHONE NUMBER: \_\_\_\_\_

## INSPECTION DOCUMENTATION

[illegible]

Deficiencies Noted During any Inspection (give date(s); attach additional sheets if necessary):

**Corrective Action Taken or Planned (give date(s); attach additional sheets if necessary):**

Based upon this inspection which I or personnel under my direct supervision conducted, I certify that all erosion and sediment controls have been implemented and maintained, except for those deficiencies noted above. In accordance with the Storm Water Pollution Prevention Plan filed with the Office of Pollution Control and engineering practices as required by the above referenced permit. I further certify that the MNOI and SWPPP information on file with MDDEQ is up to date.

**Authorized Signature**

Printed Name \_\_\_\_\_

Please submit this form to:

Chief, Environmental Compliance and Enforcement Division  
MDEQ, Office of Pollution Control  
P.O. Box 2261  
Jackson, Mississippi 39225

REV. 01/08/08



**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**

**W C Fore Trucking Inc.**

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

**Wortham Road Mine  
Harrison 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: January 26, 2010  
Expires: Five years from date of issuance

Permit No. P05-006A  
Application No. A1543A  
AI No. 19958

6. Duty to provide information. The permittee shall furnish to MDEQ, within a reasonable time, any relevant information which MDEQ may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.

**C. Site-Specific Operating Conditions**

1. The permittee is authorized to open pit mine 113.5 acres for sand and sandy clay in Section 28, Township 5 South, Range 11 West, Harrison County.
2. This is an amendment of the original 43.5 acre permit to add 70 acres for a total of 113.5 acres.
3. Buffer Zones. Also see Part E, Variances and Waivers

The Regulations prohibit mining within 100 feet of the outside right-of-way of any public road, except where mine access roads or haul roads join such right-of-way line; within 300 feet of any occupied dwelling, public building, school, church, community or institutional building; within 100 feet of a cemetery; or, when a highwall will be created and the excavation exceeds thirty feet in depth, within twenty-five feet plus one and one half times the depth of the excavation from a permit boundary. If the excavation is less than thirty feet in depth and a highwall will be created, the distance from the permit boundary shall follow the distance chart in the Regulations at §400(d)(4). The Permit Board may modify these buffer zones, and allow mining within them, upon receipt of written permission from the governmental entity having authority over the subject road, or the owner or occupant of the subject dwelling.

- A. Mining will not take place within 100 feet of the outside right-of-way of a public road.
  - B. Mining will not take place within 100 feet of a cemetery.
  - C. Mining will not take place within 300 feet of an occupied dwelling.
4. Permit boundaries shall be marked and durable posts shall be placed at the corners of the permit area. The posts shall be painted or flagged to be readily visible during the life of the operation.
  5. This permit may be mined to a maximum depth of 20 feet.
  6. Dust shall be controlled by water sprayed on the haul roads.

7. Settling ponds, diversion berms, drainage ditches, terraced slopes, and any other Best Management Practices required will be used for sediment control.
8. Reclamation Schedule. Concurrent reclamation is required by the Act and the Regulations.
  - A. Begin clearing: done
  - B. Begin mining: January 2010, and upon permit issuance
  - C. Complete mining: December 2013
  - D. Begin reclamation: concurrent with completion of mining of any segment of the permit, or January 2011
  - E. Complete reclamation: December 2014
9. Explosives will not be used.
10. The permittee must obtain any necessary permits through the MDEQ Office of Pollution Control to discharge impacted stormwater or processed water into a specific Water(s) of the State and must do so in accordance with effluent limitations, monitoring requirements, and other conditions set forth in a State of Mississippi Waste Pollution Control Permit to Discharge Wastewater in Accordance with the National Pollutant Discharge Elimination System.
11. Reclamation Plan
  - A. The topsoil shall be segregated and stored in stockpiles which will be protected with grass cover adequate to prevent erosion. The use of the topsoil during reclamation will be to respread it over areas requiring vegetative cover.
  - B. The site shall be reclaimed with a lake surrounded by 3 to 1 grassed slopes.
  - C. All highwalls shall be eliminated and all areas of the permit shall be graded to a slope no steeper than three horizontal feet to one vertical foot.
  - D. The grass cover shall be bahia and is to be planted by broadcast seeding at the rate of 30 pounds per acre during the Spring planting season.
  - E. Fertilizer (13-13-13 type), for initial planting, shall be applied at the rate of 400 pounds per acre and lime shall be applied at the rate of 2 tons per acre, and be applied

and incorporated by harrowing and broadcasting. Fertilizer (13-13-13 type) shall be applied at the rate of 200 pounds per acre, in April, each successive year prior to final bond release.

- F. Vegetation will be maintained until final bond release by re-grading and re-planting eroded areas as needed, but in no case less frequently than annually.
  - G. Gullies shall be repaired as necessary to prevent erosion and shall follow all applicable National Pollutant Discharge Elimination System (NPDES) permit requirements.
  - H. Debris shall be disposed of by burning, as permitted by local and state ordinance.
- 12. The performance bond instrument submitted is Certificate of Deposit No. 437243 from the Hancock Bank, Gulfport, Mississippi, dated July 15, 2006, in the amount of \$900,000.00, of which \$113,500.00 is dedicated to this permit, which is \$1,000.00 per acre.
  - 13. The facility shall be constructed, operated, and monitored in such a manner as to ensure Mississippi Groundwater Quality Standards are not exceeded by any activity of this facility.
  - 14. The facility shall be constructed, operated, and monitored in such a manner as to prevent a discharge of pollutants into waters of the State, including wetlands, that violates any requirements of the Clean Water Act or the Mississippi Air And Water Pollution Control Act, including, but not limited to, the National Pollutant Discharge Elimination System (NPDES) requirements.
  - 15. Based on the Wastewater Regulations for National Pollutant Discharge Elimination System (NPDES) Permits, Underground Injection Control (UIC) Permits, State Permits, Water Quality Based Effluent Limitations and Water Quality Certification (Regulation WPC-1), Chapter 3, Section IV, part 3, the following buffer zones shall be established between all mining activity and any existing stream, and maintained for the life of the permit:
    - A. 50-foot buffer zone for intermittent streams (generally shown as a broken blue line on the latest version of the U. S. Geological Survey topographic quadrangle map)
    - B. 100-foot buffer zone for perennial streams (generally shown as a solid blue line on the latest version of the U. S. Geological Survey topographic quadrangle map)
    - C. 300-foot buffer zone for navigable waterways (as defined by the U. S. Army Corps of Engineers)
  - 16. No dam may be constructed on the permitted site without first obtaining prior written

authorization for the dam in accordance with Dam Safety Regulation LW-4.

**D. Wildlife, Threatened and Endangered Species and Unique Biological Communities**

1. The permittee shall promptly report to the Mississippi Department of Wildlife, Fisheries, and Parks and MDEQ any State of Mississippi or federally-listed endangered or threatened species within the permit area of which the permittee becomes aware.
2. The permittee shall promptly report to the Mississippi Department of Wildlife, Fisheries, and Parks and MDEQ any unique biological communities within the permit area of which the permittee becomes aware.

**E. Variances and Waivers**

There are no variances or waivers.

**\*END OF PERMIT\***



Permit No. **P05-006A**  
**AI#19958**

STATE OF MISSISSIPPI

Application No. **A1543A**  
**AI#19958**

**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

For Office use only

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

**A. GENERAL INFORMATION**

1. Name of Applicant: W.C. Fore, LLC

Mailing Address: Post Office Box 3058

E-mail Address: None provided

Phone No. 228-863-1314 Fax No. 228-863-0013

Authorized Representative: W. C. Fore

2. Engineering Firm, Consultant, etc.: Neel-Schaffer, Inc.

Mailing Address: Post Office Box 22625, Jackson, Mississippi 39225-2625

E-mail Address: Ross.Williams@neel-schaffer.com

Phone No. 601-906-5843 Fax No. 601-948-3178

3. Name of Mine: Wortham Road Pit Mine Supervisor: W. C. Fore

Phone No. 228-863-1314 Fax No. 228-863-0013

4. Location of Operation (to nearest quarter-quarter section):

Success Quadrangle - Irregular portion in W/2 of 28 5 South 11 West Harrison  
Section Township Range County

5. Physical address of mine or nearest named road : Wortham Road

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 68.5

Haul roads, plant site, ponds,  
storage piles, etc. 1.5

**TOTAL PERMITTED AREA** 70 1/3.5

9. Material to be mined (Check one):

☐ limestone/chalk

☐ dirt/borrow material

☐ sand & gravel/clay gravel

☐ clay ☒ sand/sandy clay

8. Will mining take place:

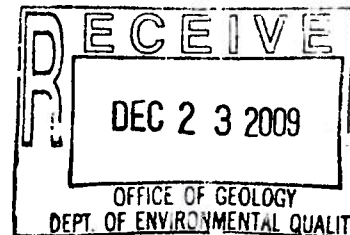
Yes No

a. within 100 feet of a public road? \_\_\_\_\_ X

b. within 100 feet of a cemetery? \_\_\_\_\_ X

c. within 300 feet of an occupied building? \_\_\_\_\_ X

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



# HARRISON COUNTY

## ZONING ADMINISTRATION

15309-C Community Road • Gulfport, Mississippi 39503  
(228) 831-3367/Fax (228)831-3356



November 20, 2009

W C Fore LLC  
P.O. Box 3058  
Gulfport, MS 39505

To Whom It May Concern:

Case File Number: 0911HC266

At a meeting on Thursday, November 19, 2009 the Harrison County Planning Commission considered the request filed by Bob Gavin for WC Fore, LLC requesting a Conditional Use Permit to allow for the 73 acre expansion of an existing 40-acre dirt pit on a 600-acre parcel of land as identified on the site plan. The A-1 (general agriculture) District requires a conditional use permit for the both the establishment and expansion of extraction operations. The subject property is located north of East Wortham Road, and west of Turan Road. The ad valorem tax parcel number is 0804 -28-001.000.

This letter will officially notify you that the Harrison County Planning Commission approved the request as petitioned. The basis for the motion is that the proposed development is compatible with the neighborhood as described in the application.

The applicant or any person may appeal this decision to the Harrison County Board of Supervisors within fifteen (15) days of the public hearing. The filing fee for an appeal is \$50.00, \$4.00 per page of transcript plus any related miscellaneous charges. Any appeal shall be in writing and submitted to the Zoning Administrator stating what decision is being appealed and detailing how you are aggrieved. All Conditional Use Permits approved by the Planning Commission are valid for six (6) months from the date of issuance and variances, unless otherwise specified by the Planning Commission, shall be void if the project has not commenced within one year of approval. Commencement shall include securing and maintaining a building permit, certificate of occupancy or privilege license for the use in the application and generally conforming to the site plan as approved.

If you have any questions or comments, please contact this office at 228-831-3367.

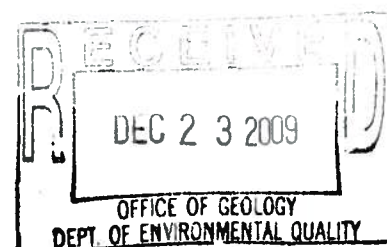
Sincerely,

A handwritten signature in cursive script that reads "P. Bonck".

Patrick Bonck

cc: Adjacent Property Owners

Patrick C. Bonck  
Zoning Administrator



10. Has the applicant applied for, or have, any other permits or licenses that pertain to this or any other mining operation? Yes X 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. PO5-006 (for this expansion area), see page 5 for other permits in Harrison and Hancock County.

## B. MINING PROCEDURE AND ENVIRONMENTAL ANALYSIS

- |   |                                      |
|---|--------------------------------------|
| 1. Description of materials:  | 2. Anticipated Schedule (month/year) |
| Thickness of overburden <u>0.5</u> ft.<br>(Topsoil <b>MUST</b> be stockpiled<br>for use during reclamation) | Begin clearing <u>09/2009</u>        |
| Thickness of useable material <u>15-20</u> ft.  | Begin mining <u>01/2010</u>          |
| Total depth of excavation <u>20</u> ft.   | Complete mining <u>12/2013</u>       |
| Estimated annual production <u>500,000</u> tons   | Begin reclamation <u>01/2011</u>     |
|   | Complete reclamation <u>12/2014</u>  |
- 
- |   |   |
|---|---|
| 3. Depth to ground water: <u>20 (estimated) ft.</u>     | 5. Types of erosion control structures that will be utilized.   |
| 4. How will dust be controlled?                         | <input checked="" type="checkbox"/> Settling ponds <input checked="" type="checkbox"/> Drainage ditches |
| <input checked="" type="checkbox"/> Water on haul roads | <input checked="" type="checkbox"/> Diversion berms <input checked="" type="checkbox"/> Terraced slopes |
| <input type="checkbox"/> _____                          | <input type="checkbox"/> _____  |
- 
6. Describe the land to be affected by mining as it presently exists:
- a. Land use Forest      b. Predominant vegetation Grass and Scrub Pines
7. Will explosives be used?      Yes X No      8. Is test-boring data available?      Yes X No
9. Are toxic materials likely to be encountered at any time?      Yes X No
10. Will there be any discharge to local streams or other bodies of water? X Yes      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:

☒ Topsoil segregated      ☐ Mixed strata      ☐ \_\_\_\_\_

2. Describe the protection method for the stockpiled topsoil.

☐ berm around the storage pile

☒ grass cover on the pile (recommended)

☐ stored under a cover

☐ \_\_\_\_\_

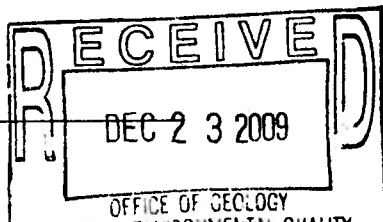
3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)

☐ slopes will be terraced

☒ sloped to a gradient of 3 to 1

☐ blended with surrounding contours

☐ \_\_\_\_\_



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

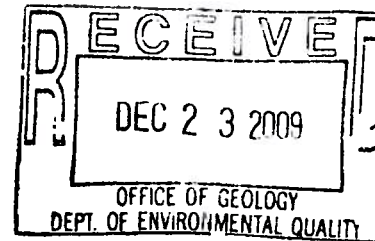
lime: 2 tons per acre

fertilizer: 13 - 13 - 13 (type)    400 pounds per acre

b. For successive years prior to 100% release

fertilizer: 13 - 13 - 13 (type)    200 pounds per acre

when: April (month)



8. Describe the planting schedule:

Tree or Seed Species	Tree spacing or lbs./acre	Planting Season
<u>Bahia</u>	<u>30</u>	<u>April</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 \_\_\_\_\_

approximate month(s) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

☒ 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: \$1,000 (minimum of \$1,000 per acre)

**D. NAMES AND ADDRESSES OF PERSONS AFFECTED BY THIS OPERATION**

1. Landowner(s) of area to be mined/leased

Name: W.C. Fore, LLC  
Address: Post Office Box 3058  
Gulfport, MS 39505  
Phone: (228) 863-1314

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

2. Landowner(s) within 500 feet of the area

Name: Judith McKay  
Address: 17035 Doc Lizana Road  
Gulfport, MS 39503-9237  
Phone: 228-832-6400

Name: Nancy Guidry  
Address: 23124 Belmont Place  
Gulfport, MS 39503-1106  
Phone: unknown

Name: Herbert L. Broadus  
Address: unknown  
Gulfport, Mississippi  
Phone: unknown

Name: Carla D. Broadus  
Address: 1200 28<sup>th</sup> Street  
Gulfport, MS 39501  
Phone: 228-865-0036

3. Person(s) living on permit area

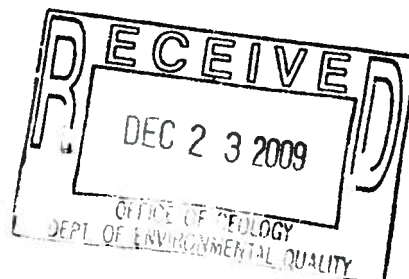
Name: None  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

I declare that I have knowledge of the facts presented in the preceding pages and in all of the items attached to this application; furthermore, I certify that they are true to the best of my knowledge.

10-19-09  
Date

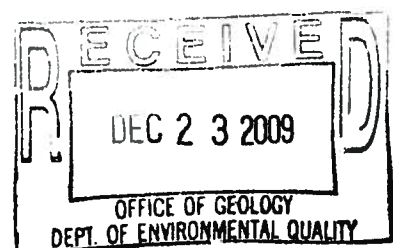
W.C. Fore  
signature  
W.C. Fore  
printed name  
Owner  
Title



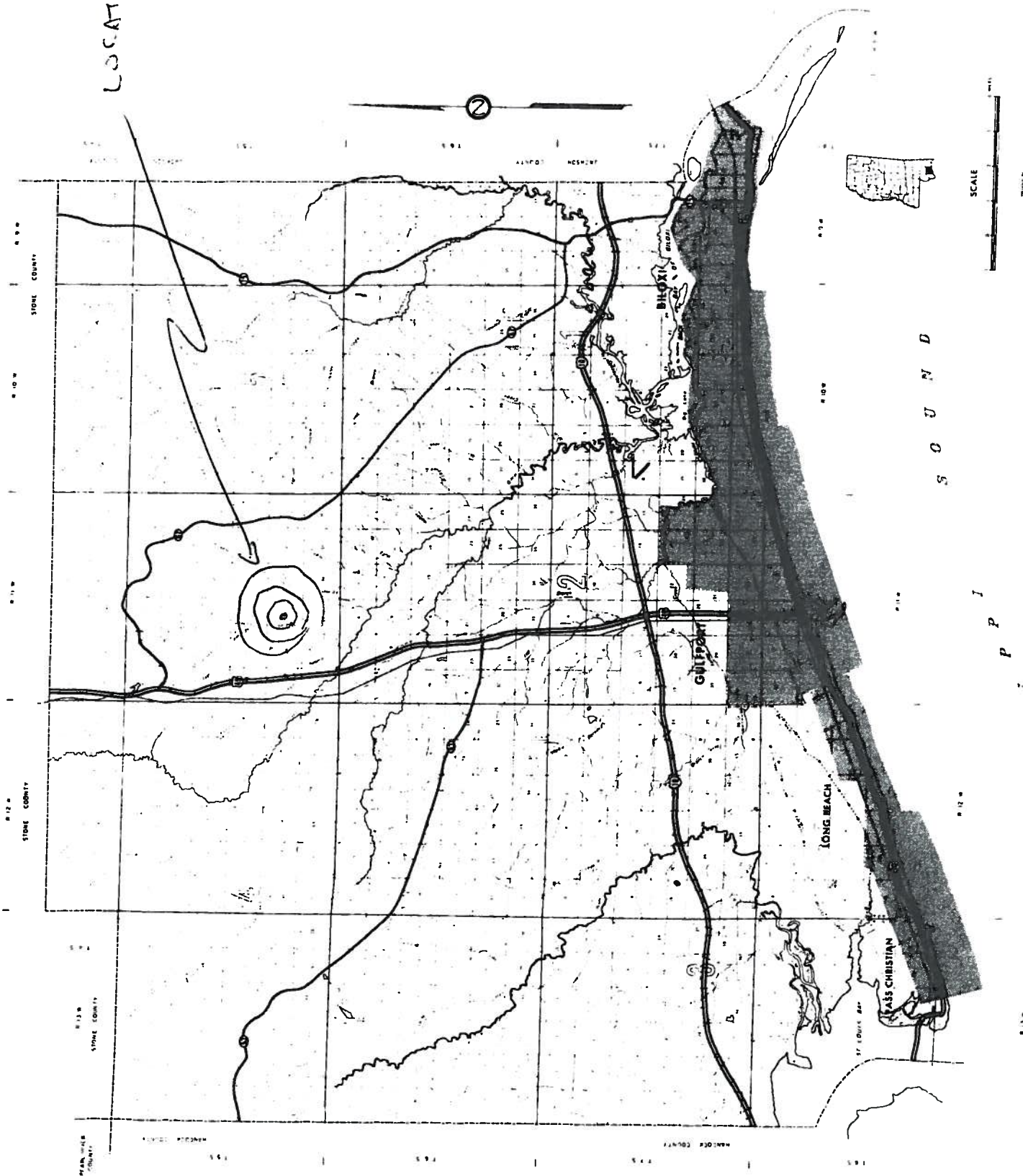
**E. ADDITIONAL COMMENTS**

Item Number	Space for detailed answers to any of the previous items. Indicate item number to which the answers apply.
A-10.	P02-027-Hancock County
A-10.	P03-010-Harrison County
A-10.	P04-043A-Harrison County
A-10.	P06-026-Harrison County
A-10.	P07-022-Hancock County
A-10.	P87-027-Harrison County
A-10.	P88-027A-Harrison County
A-10.	P92-024-Hancock County
A-10.	P93-048-Hancock County
A-10.	P95-047T-Hancock County
B-10.	Discharge of stormwater may occur to Saucier Creek. A Major Modification Form and SWPPP for Mining Stormwater Coverage MSR211435 will be submitted to the MDEQ-OPC for stormwater discharge from the expansion area.

If more space is required, use full sheets of paper the same size as this page. Attach all sheets to this application.





[illegible]

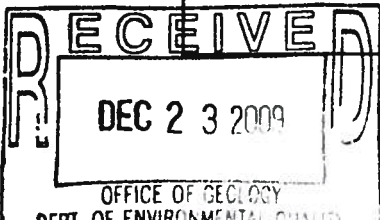


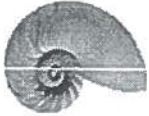
W. C. Fore, LLC  
Wortham Road Pit  
Surface Mine Permit Expansion  
Harrison County, Mississippi

**NEEL-SCHAFER**  
Solutions you can build upon

Figure 2  
Proposed Surface Mine Permit  
Expansion Area Map

Generated By:	RDW	09/29/09	SCALE
Checked By:	JEM	10/02/09	1"=1700'





**RE: WC Fore; Wortham Road Mine** 

**Mike Noone** to: Ross Williams  
<ross.williams@neel-schaffer.com>

01/28/2010 08:37 AM

Will do. I will be reviewing the app materials again and hopefully we have all material. It appears the OOG has issued the modified mining permit, I'll check to be sure.

Thanks,  
Michael

"Ross Williams"

Mike, I appreciate the update, please inform me...

01/28/2010 08:19:38 AM

From: "Ross Williams" <ross.williams@neel-schaffer.com>  
To: <Mike\_Noone@deq.state.ms.us>  
Date: 01/28/2010 08:19 AM  
Subject: RE: WC Fore; Wortham Road Mine

Mike,

I appreciate the update, please inform me if additional information is needed.

Thanks,

Ross

-----Original Message-----

From: Mike\_Noone@deq.state.ms.us [mailto:Mike\_Noone@deq.state.ms.us]  
Sent: Wednesday, January 27, 2010 4:35 PM  
To: ross.williams@neel-schaffer.com  
Subject: WC Fore; Wortham Road Mine

Good afternoon Ross;

We received the "Major Modification" form and the updated SWPPP for this site.

Thanks,  
Michael





**RE: Major Modification form for Daisy 53**

**Ross Williams** to: Mike\_Noone

01/21/2010 04:16 PM

Mike,

I sent all paper work when completed to WC Fore Trucking for signature and then for them to mail. I have asked them to research their files and see if they ever mailed the major Mod for Mining Stormwater and the modified SWPPP. If they can't find I will reprint and send to them again . If I have to I will hand deliver.

Thanks,

Ross

-----Original Message-----

From: Mike\_Noone@deq.state.ms.us [mailto:Mike\_Noone@deq.state.ms.us]

Sent: Thursday, January 21, 2010 3:45 PM

To: ross.williams@neel-schaffer.com

Subject: Re: Major Modification form for Daisy 53

Got it.

On another matter, Geology is ready to issue the increased acreage request for the Wortham Road Pit (AI#19958). I believe you are his consultant so I'm contacting you. The Surface Mining Permit Application indicates that they will be submitting a Major Modification form and the updated SWPPP; I have not seen these. Please check and advise.

Thanks,

Michael

|----->  
| From: |  
|----->

>-----  
----->  
| "Ross Williams" <ross.williams@neel-schaffer.com>  
|

>-----  
----->  
|----->  
| To: |  
|----->

>-----  
----->  
| <Mike\_Noone@deq.state.ms.us>  
|

>-----  
----->  
|----->  
| Date: |

|----->

>-----

-----|

| 01/21/2010 03:15 PM

|

>-----

-----|

|----->

| Subject: |

|----->

>-----

-----|

| Major Modification form for Daisy 53

|

>-----

-----|

Mike,

Please find attached the pdf for the major mod for Daisy 53. As soon as I receive the original I will send to you.

Thank you,  
Ross

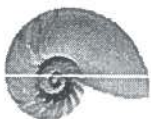
Ross D. Williams, RPG  
Neel-Schaffer, Inc.  
1022 Highland Colony Parkway, Suite 202  
Ridgeland, Mississippi 39157

Tele: 601.898.3358

Fax: 601.898.8485

Cellular: 601.906.5843

[attachment "Major Modification Form Daisy 53.pdf" deleted by Mike  
Noone/EPD/OPC/DEQ]



Re: Major Modification form for Daisy 53 

Mike Noone to: Ross Williams  
<ross.williams@neel-schaffer.com>

01/21/2010 03:45 PM

Got it.

W.C. Fore;

On another matter, Geology is ready to issue the increased acreage request for the Wortham Road Pit (AI#19958). I believe you are his consultant so I'm contacting you. The Surface Mining Permit Application indicates that they will be submitting a Major Modification form and the updated SWPPP; I have not seen these. Please check and advise.

Thanks,

Michael

"Ross Williams"

Mike,

01/21/2010 03:15:42 PM

From: "Ross Williams" <ross.williams@neel-schaffer.com>  
To: <Mike\_Noone@deq.state.ms.us>  
Date: 01/21/2010 03:15 PM  
Subject: Major Modification form for Daisy 53

Mike,

Please find attached the pdf for the major mod for Daisy 53. As soon as I receive the original I will send to you.

Thank you,  
Ross

Ross D. Williams, RPG

***Neel-Schaffer, Inc.***

*1022 Highland Colony Parkway, Suite 202  
Ridgeland, Mississippi 39157*

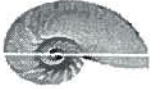
*Tele: 601.898.3358*

*Fax: 601.898.8485*

*Cellular: 601.906.5843*

[attachment "Major Modification Form Daisy 53.pdf" deleted by Mike Noone/EPD/OPC/DEQ]





Re: AI 19958

Mike Noone to: Ken McCarley

W/C FORE Construction

01/21/2010 03:17 PM

No. Do not find submittal of the "Major Modification" form and updated SWPPP. Will advise ASAP when I find information. I'm contacting Ross Williams@N-S and find out about the MM form.

Michsel

Ken McCarley

Fore has applied to enlarge P05-006 in Harrison...

01/21/2010 01:45:15 PM

From: Ken McCarley/Geology/DEQ  
To: Mike Noone/EPD/OPC/DEQ@DEQ  
Date: 01/21/2010 01:45 PM  
Subject: AI 19958

Fore has applied to enlarge P05-006 in Harrison County. Our public notice has ended. Is SW ready to go on this one?

Ken McCarley, RPG  
Director  
Mining and Reclamation Division  
Office of Geology  
P. O. Box 2279  
Jackson, MS 39225  
(601)961-5515  
(601)961-5521 fax



**AI 19958**  
**Ken McCarley to: Mike Noone**

01/21/2010 01:45 PM

Fore has applied to enlarge P05-006 in Harrison County. Our public notice has ended. Is SW ready to go on this one?

Ken McCarley, RPG  
Director  
Mining and Reclamation Division  
Office of Geology  
P. O. Box 2279  
Jackson, MS 39225  
(601)961-5515  
(601)961-5521 fax

Permit No.

**P05-006A**  
**AI#19958**

STATE OF MISSISSIPPI

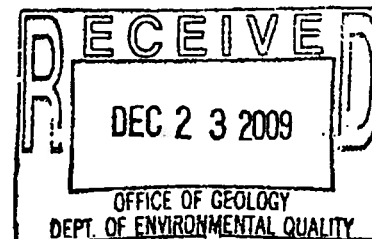
Application No.

**A1543A****AI#19958****SURFACE MINING PERMIT APPLICATION**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF GEOLOGY / MINING & RECLAMATION DIVISIONOther 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) 961-5521City/County approval  
Required Yes \_\_\_\_\_ No \_\_\_\_\_  
Received Date: \_\_\_\_\_  
County \_\_\_\_\_  
City \_\_\_\_\_

For Office use only

**A. GENERAL INFORMATION**1. Name of Applicant: W.C. Fore, LLCMailing Address: Post Office Box 3058E-mail Address: None providedPhone No. 228-863-1314 Fax No. 228-863-0013Authorized Representative: W.C. Fore2. Engineering Firm, Consultant, etc.: Neel-Schaffer, Inc.Mailing Address: Post Office Box 22625, Jackson, Mississippi 39225-2625E-mail Address: Ross.Williams@neel-schaffer.comPhone No. 601-906-5843 Fax No. 601-948-31783. Name of Mine: Wortham Road Pit Mine Supervisor: W.C. ForePhone No. 228-863-1314 Fax No. 228-863-0013

4. Location of Operation (to nearest quarter-quarter section):

Success Quadrangle - Irregular portion in W/2 of 28 5 South 11 West Harrison  
Section Township Range County5. Physical address of mine or nearest named road: Wortham Road6. 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 68.5Haul roads, plant site, ponds,  
storage piles, etc. 1.5**TOTAL PERMITTED AREA** 70 1/3.5

8. Will mining take place: Yes No

- a. within 100 feet of a public road? \_\_\_\_\_ X
- 
- b. within 100 feet of a cemetery? \_\_\_\_\_ X
- 
- c. within 300 feet of an occupied building? \_\_\_\_\_ X

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

9. Material to be mined (Check one):


- ☐
- limestone/chalk
- ☐
- sand & gravel/clay gravel
- 
- ☐
- dirt/borrow material
- ☐
- clay
- ☒
- sand/sandy clay

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. PO5-006 (for this expansion area), see page 5 for other permits in Harrison and Hancock County.

## B. MINING PROCEDURE AND ENVIRONMENTAL ANALYSIS

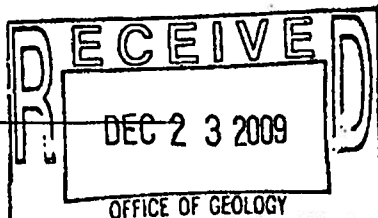
- |   |                                      |
|---|--------------------------------------|
| 1. Description of materials:  | 2. Anticipated Schedule (month/year) |
| Thickness of overburden <u>0.5</u> ft.<br>(Topsoil <b>MUST</b> be stockpiled<br>for use during reclamation) | Begin clearing <u>09/2009</u>        |
| Thickness of useable material <u>15-20</u> ft.  | Begin mining <u>01/2010</u>          |
| Total depth of excavation <u>20</u> ft.   | Complete mining <u>12/2013</u>       |
| Estimated annual production <u>500,000</u> tons   | Begin reclamation <u>01/2011</u>     |
|   | Complete reclamation <u>12/2014</u>  |
3. Depth to ground water: 20 (estimated) ft.
4. How will dust be controlled?
- ☒ Water on haul roads
- ☐ \_\_\_\_\_
5. Types of erosion control structures that will be utilized.
- ☒ Settling ponds      ☒ Drainage ditches
- ☒ Diversion berms      ☒ Terraced slopes
- ☐ \_\_\_\_\_
6. Describe the land to be affected by mining as it presently exists:
- a. Land use Forest      b. Predominant vegetation Grass and Scrub Pines
7. Will explosives be used? ☐ Yes ☒ No
8. Is test-boring data available? ☐ Yes ☒ No
9. Are toxic materials likely to be encountered at any time? ☐ Yes ☒ No
10. Will there be any discharge to local streams or other bodies of water? ☒ Yes ☐ 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:
- ☒ Topsoil segregated      ☐ Mixed strata      ☐ \_\_\_\_\_
2. Describe the protection method for the stockpiled topsoil.
- ☐ berm around the storage pile
- ☒ grass cover on the pile (recommended)
- ☐ stored under a cover
- ☐ \_\_\_\_\_
3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)
- ☐ slopes will be terraced
- ☒ sloped to a gradient of 3 to 1
- ☐ blended with surrounding contours
- ☐ \_\_\_\_\_



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

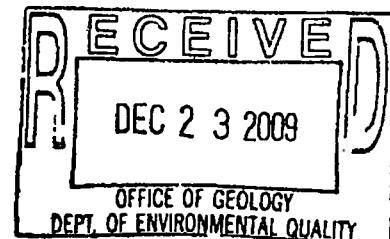
lime: 2 tons per acre

fertilizer: 13 - 13 - 13 (type)    400 pounds per acre

b. For successive years prior to 100% release

fertilizer: 13 - 13 - 13 (type)    200 pounds per acre

when: April (month)



8. Describe the planting schedule:

Tree or Seed Species	Tree spacing or lbs./acre	Planting Season
<u>Bahia</u>	<u>30</u>	<u>April</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 \_\_\_\_\_

approximate month(s) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

☒ 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: \$1,000 (minimum of \$1,000 per acre)



**D. NAMES AND ADDRESSES OF PERSONS AFFECTED BY THIS OPERATION**

**1. Landowner(s) of area to be mined/leased**

Name: W.C. Fore, LLC  
Address: Post Office Box 3058  
Gulfport, MS 39505  
Phone: (228) 863-1314

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_

**2. Landowner(s) within 500 feet of the area**

Name: Judith McKay  
Address: 17035 Doc Lizana Road  
Gulfport, MS 39503-9237  
Phone: 228-832-6400

Name: Nancy Guidry  
Address: 23124 Belmont Place  
Gulfport, MS 39503-1106  
Phone: unknown

Name: Herbert L. Broadus  
Address: unknown  
Gulfport, Mississippi  
Phone: unknown

Name: Carla D. Broadus  
Address: 1200 28<sup>th</sup> Street  
Gulfport, MS 39501  
Phone: 228-865-0036

**3. Person(s) living on permit area**

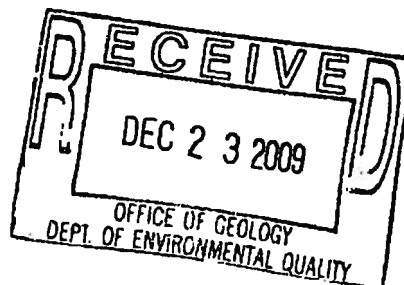
Name: None  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_

I declare that I have knowledge of the facts presented in the preceding pages and in all of the items attached to this application; furthermore, I certify that they are true to the best of my knowledge.

10-19-09  
Date

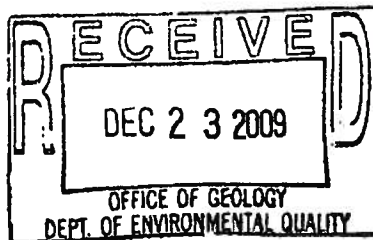
W.C. Fore  
signature  
W.C. Fore  
printed name  
Owner  
Title

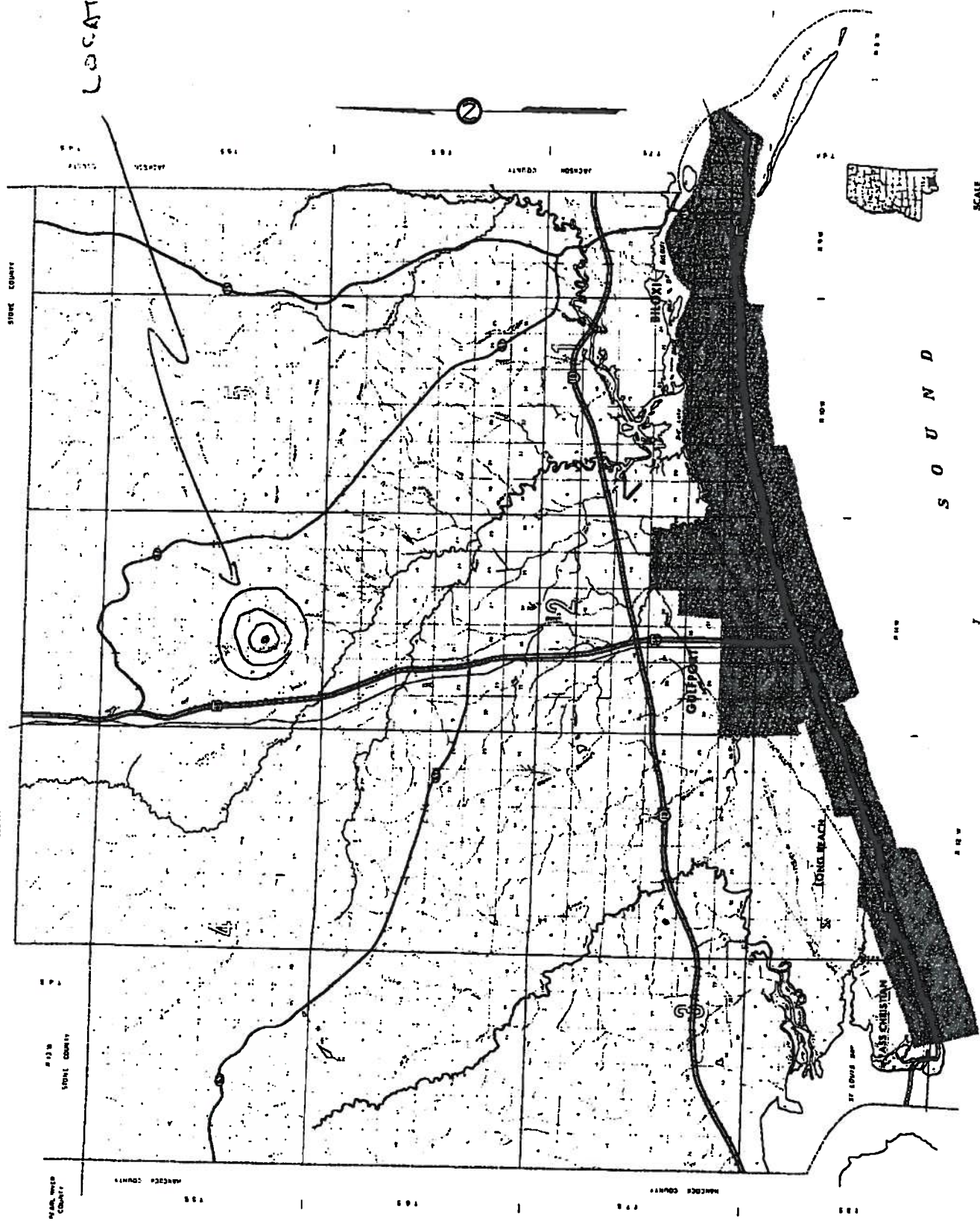


**E. ADDITIONAL COMMENTS**

Item Number	Space for detailed answers to any of the previous items. Indicate item number to which the answers apply.
A-10.	P02-027-Hancock County
A-10.	P03-010-Harrison County
A-10.	P04-043A-Harrison County
A-10.	P06-026-Harrison County
A-10.	P07-022-Hancock County
A-10.	P87-027-Harrison County
A-10.	P88-027A-Harrison County
A-10.	P92-024-Hancock County
A-10.	P93-048-Hancock County
A-10.	P95-047T-Hancock County
B-10.	Discharge of stormwater may occur to Saucier Creek. A Major Modification Form and SWPPP for Mining Stormwater Coverage MSR21435 will be submitted to the MDEQ-OPC for stormwater discharge from the expansion area.
	321435
	mat 1/26/10

If more space is required, use full sheets of paper the same size as this page. Attach all sheets to this application.





HARRISON COUNTY  
MISSISSIPPI

SCALE  
0 1 2 3 4 5 6 7 8 9 10

MISSISSIPPI

MISSISSIPPI

LOCATION





W. C. Fore, LLC  
 Wortham Road Pit  
 Surface Mine Permit Expansion  
 Harrison County, Mississippi

**NEEL-SCHAFFER**  
*Solutions you can build upon*

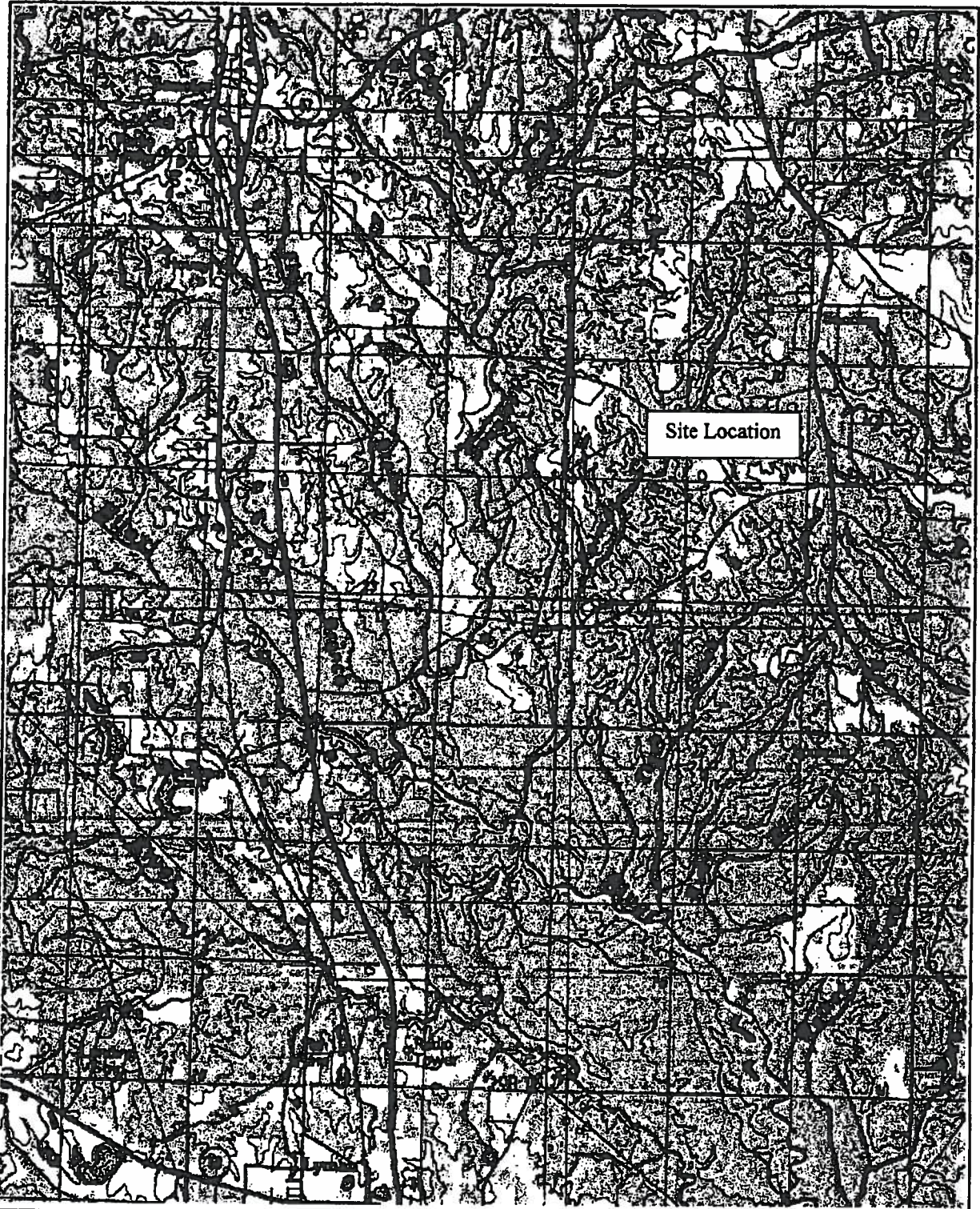
Figure 2  
 Proposed Surface Mine Permit  
 Expansion Area Map

Generated By:	RDW	09/29/09	SCALE
Checked By:	JEM	10/02/09	1"=1700'



**RECEIVED**  
 DEC 23 2009  
 OFFICE OF GEOLOGY  
 DEPT. OF ENVIRONMENTAL QUALITY





W. C. Fore, LLC  
 Wortham Road Pit  
 Surface Mine Permit Expansion  
 Harrison County, Mississippi



**Figure 1**  
**Site Location Map**

Generated By:	RDW	09/29/09	SCALE
Checked By:	JEM	10/02/09	1"=6,850'



RECEIVED  
 DEC 23 2009  
 OFFICE OF GEOLOGY



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

Public Notice No. 1543  
Application No. A1543A

Date: January 4, 2010

TO WHOM IT MAY CONCERN:

The Office of Geology has received an Application for a Surface Mining Permit pursuant to Sections 53-7-27 and 53-7-29 of the Mississippi Surface Mining and Reclamation Act of 1977, as described below:

APPLICANT: W C Fore Trucking Inc, Wortham Road Mine  
PO Box 3058  
Gulfport, Mississippi 39505

LOCATION: Section 28, Township 5 South, Range 11 West, Harrison County

DESCRIPTION: The operator proposes to add 70 acres to the presently-existing 43.5-acre Surface Mining Permit No. P05-006 to mine for sand and sandy clay to a depth of 20 feet. Sediment and erosion will be controlled by settling ponds, diversion berms, drainage ditches, and terraced slopes. Reclamation will consist of a lake with 3 to 1 grassed slopes. The new permit number will be P05-006A and total acreage will be 113.5 acres if approved.

This public notice is being distributed to interested persons and agencies to assist in developing facts on which a decision by the Office of Geology can be based. You are requested to communicate the information contained in this notice to all agencies having jurisdiction over the property to have interest in the matter. All agencies are requested to submit comments, recommendations, or evaluations by January 14, 2010. The evaluation shall include an enumeration of pertinent jurisdiction.

If further information is needed, an agency may request additional information. Any person may inspect the application and the Rules and Regulations.

In the event comments are not received by January 14, 2010, that the agency has no comments, recommendations, or evaluations necessary and proper based upon the effect of the application on the agency's jurisdiction.

NEEDS UPDATED  
✓ SWPPP  
Revised 1-22-10  
MAJOR MODIFICATION FORM.  
WAITING FOR THESE SUBMITTALS. SEE BIO ON SWPPA.  
1/6/10



Permit No. **P05-006A**  
**AI#19958**

STATE OF MISSISSIPPI

Application No. **A1543A**

**SURFACE MINING PERMIT APPLICATION**

**AI#19958**

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

P. O. Box 2279

Jackson, Mississippi 39225-2279

(601) 961-5515

Fax (601) 961-5521

For Office use only

Other permits required: Y/N Date  
NPDES \_\_\_\_\_  
State Operating Permit \_\_\_\_\_  
Corps of Engineers \_\_\_\_\_

City/County approval  
Required Yes \_\_\_\_\_ No \_\_\_\_\_  
Received Date: \_\_\_\_\_  
County \_\_\_\_\_  
City \_\_\_\_\_

**A. GENERAL INFORMATION**

1. Name of Applicant: W.C. Fore, LLC

Mailing Address: Post Office Box 3058

E-mail Address: None provided

Phone No. 228-863-1314 Fax No. 228-863-0013

Authorized Representative: W. C. Fore

2. Engineering Firm, Consultant, etc.: Neel-Schaffer, Inc.

Mailing Address: Post Office Box 22625, Jackson, Mississippi 39225-2625

E-mail Address: Ross.Williams@neel-schaffer.com

Phone No. 601-906-5843 Fax No. 601-948-3178

3. Name of Mine: Wortham Road Pit Mine Supervisor: W. C. Fore

Phone No. 228-863-1314 Fax No. 228-863-0013

4. Location of Operation (to nearest quarter-quarter section):

Success Quadrangle - Irregular portion in W/2 of 28 5 South 11 West Harrison  
Section Township Range County

5. Physical address of mine or nearest named road : Wortham Road

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 68.5

Haul roads, plant site, ponds,  
storage piles, etc. 1.5

**TOTAL PERMITTED AREA** 70 113.5

9. Material to be mined (Check one):

☐ limestone/chalk

☐ dirt/borrow material

☐ sand & gravel/clay gravel

☐ clay ☒ sand/sandy clay

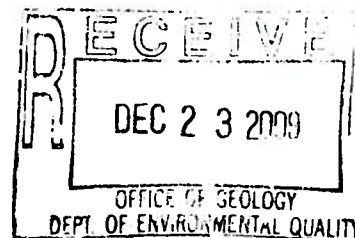
8. Will mining take place: Yes No

a. within 100 feet of a public road? \_\_\_\_\_ X

b. within 100 feet of a cemetery? \_\_\_\_\_ X

c. within 300 feet of an occupied building? \_\_\_\_\_ X

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



# HARRISON COUNTY

## ZONING ADMINISTRATION

15309-C Community Road ■ Gulfport, Mississippi 39503  
(228) 831-3367/Fax (228)831-3356



November 20, 2009

W C Fore LLC  
P.O. Box 3058  
Gulfport, MS 39505

To Whom It May Concern:

Case File Number: 0911HC266

At a meeting on Thursday, November 19, 2009 the Harrison County Planning Commission considered the request filed by Bob Gavin for WC Fore, LLC requesting a Conditional Use Permit to allow for the 73 acre expansion of an existing 40-acre dirt pit on a 600-acre parcel of land as identified on the site plan. The A-1 (general agriculture) District requires a conditional use permit for the both the establishment and expansion of extraction operations. The subject property is located north of East Wortham Road, and west of Turan Road. The ad valorem tax parcel number is 0804 -28-001.000.

This letter will officially notify you that the Harrison County Planning Commission approved the request as petitioned. The basis for the motion is that the proposed development is compatible with the neighborhood as described in the application.

The applicant or any person may appeal this decision to the Harrison County Board of Supervisors within fifteen (15) days of the public hearing. The filing fee for an appeal is \$50.00, \$4.00 per page of transcript plus any related miscellaneous charges. Any appeal shall be in writing and submitted to the Zoning Administrator stating what decision is being appealed and detailing how you are aggrieved. All Conditional Use Permits approved by the Planning Commission are valid for six (6) months from the date of issuance and variances, unless otherwise specified by the Planning Commission, shall be void if the project has not commenced within one year of approval. Commencement shall include securing and maintaining a building permit, certificate of occupancy or privilege license for the use in the application and generally conforming to the site plan as approved.

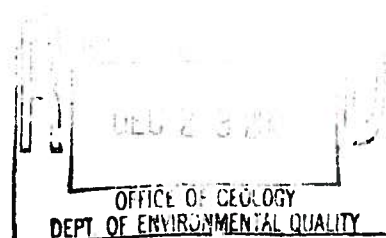
If you have any questions or comments, please contact this office at 228-831-3367.

Sincerely,

Patrick Bonck

cc: Adjacent Property Owners

Patrick C. Bonck  
Zoning Administrator



10. Has the applicant applied for, or have, any other permits or licenses that pertain to this or any other mining operation? Yes X 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. PO5-006 (for this expansion area), see page 5 for other permits in Harrison and Hancock County.

**B. MINING PROCEDURE AND ENVIRONMENTAL ANALYSIS**

1. Description of materials:	2. Anticipated Schedule (month/year)
Thickness of overburden <u>0.5</u> ft. (Topsoil <b>MUST</b> be stockpiled for use during reclamation)	Begin clearing <u>09/2009</u>
Thickness of useable material <u>15-20</u> ft.	Begin mining <u>01/2010</u>
Total depth of excavation <u>20</u> ft.	Complete mining <u>12/2013</u>
Estimated annual production <u>500,000</u> tons	Begin reclamation <u>01/2011</u>
	Complete reclamation <u>12/2014</u>

3. Depth to ground water: 20 (estimated) ft.

5. Types of erosion control structures that will be utilized.

4. How will dust be controlled?

☒ Water on haul roads

☒ Settling ponds

☒ Drainage ditches

☒ Diversion berms

☒ Terraced slopes

☐ \_\_\_\_\_

☐ \_\_\_\_\_

6. Describe the land to be affected by mining as it presently exists:

a. Land use Forest

b. Predominant vegetation Grass and Scrub Pines

7. Will explosives be used?      Yes X No

8. Is test-boring data available?      Yes X No

9. Are toxic materials likely to be encountered at any time?      Yes X No

✓ 10. Will there be any discharge to local streams or other bodies of water? X Yes      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:

☒ Topsoil segregated

☐ Mixed strata

☐ \_\_\_\_\_

2. Describe the protection method for the stockpiled topsoil.

☐ berm around the storage pile

☒ grass cover on the pile (recommended)

☐ stored under a cover

☐ \_\_\_\_\_

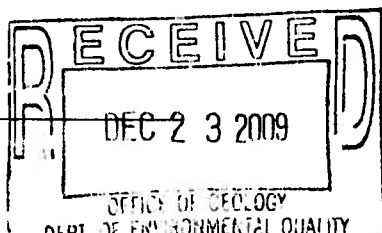
3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)

☐ slopes will be terraced

☒ sloped to a gradient of 3 to 1

☐ blended with surrounding contours

☐ \_\_\_\_\_



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 tons per acre

fertilizer: 13 - 13 - 13 (type)

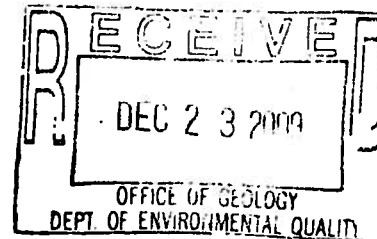
400 pounds per acre

b. For successive years prior to 100% release

fertilizer: 13 - 13 - 13 (type)

200 pounds per acre

when: April (month)



8. Describe the planting schedule:

Tree or Seed Species	Tree spacing or lbs./acre	Planting Season
<u>Bahia</u>	<u>30</u>	<u>April</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 \_\_\_\_\_

approximate month(s) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

☒ 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: \$1,000 (minimum of \$1,000 per acre)

**D. NAMES AND ADDRESSES OF PERSONS AFFECTED BY THIS OPERATION**

1. Landowner(s) of area to be mined/leased

Name: W.C. Fore, LLC  
Address: Post Office Box 3058  
Gulfport, MS 39505  
Phone: (228) 863-1314

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_

2. Landowner(s) within 500 feet of the area

Name: Judith McKay  
Address: 17035 Doc Lizana Road  
Gulfport, MS 39503-9237  
Phone: 228-832-6400

Name: Nancy Guidry  
Address: 23124 Belmont Place  
Gulfport, MS 39503-1106  
Phone: unknown

Name: Herbert L. Broadus  
Address: unknown  
Gulfport, Mississippi  
Phone: unknown

Name: Carla D. Broadus  
Address: 1200 28<sup>th</sup> Street  
Gulfport, MS 39501  
Phone: 228-865-0036

3. Person(s) living on permit area

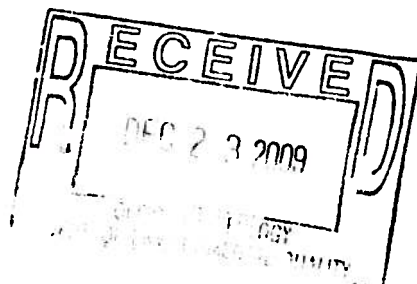
Name: None  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_

I declare that I have knowledge of the facts presented in the preceding pages and in all of the items attached to this application; furthermore, I certify that they are true to the best of my knowledge.

10-19-09  
Date

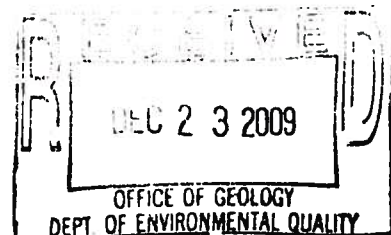
W.C. Fore  
signature  
W.C. Fore  
printed name  
Owner  
Title



**E. ADDITIONAL COMMENTS**

Item Number	Space for detailed answers to any of the previous items. Indicate item number to which the answers apply.
A-10.	P02-027-Hancock County
A-10.	P03-010-Harrison County
A-10.	P04-043A-Harrison County
A-10.	P06-026-Harrison County
A-10.	P07-022-Hancock County
A-10.	P87-027-Harrison County
A-10.	P88-027A-Harrison County
A-10.	P92-024-Hancock County
A-10.	P93-048-Hancock County
A-10.	P95-047T-Hancock County
✓ B-10.	Discharge of stormwater may occur to Saucier Creek. A Major Modification Form and SWPPP for Mining Stormwater Coverage MSR211435 will be submitted to the MDEQ-OPC for stormwater discharge from the expansion area.

If more space is required, use full sheets of paper the same size as this page. Attach all sheets to this application.





APR 12 2005

**Permit Action Form**  
**W C Fore Trucking Inc, Wortham Road Pit**  
**Wortham Road**  
**Harrison County**  
**Saucier, MS 39574**

**Branch Manager: Billy Warden, PE**  
**SIC: 1442**

**Recommendations**

**Folder No. – Activity Type**  
GNP20040001 - NA-Mining

**Permit No.**  
MSR321435

**DEQ Contact**  
Charity Rockingham

**Action:** ☒ Issue ☐ Reissue **By:** ☒ Division Chief  
☐ Modification ☐ Name Change ☐ Permit Board  
☐ Transfer ☐ Deny  
☐ Terminate  
☐ Revoke

**Programs:**

**Master File**

Program	Sub Program	Delete
Water	Mining Stormwater	<input type="checkbox"/>

**Permit Application**

Program	Sub Program
Water	Mining Stormwater

Marked subprograms should be deleted from the master file by the Master File Administrator

**Air Use Only:**

- ☐ Emissions data entered in enSite  
☐ Emissions data prepared using Lotus 1-2-3 (Attached)  
☐ Permitting action did not change emissions inventory.

**Basis:** The applicant has submitted a complete MNOI, satisfactory SWPPP, and other supporting documents that satisfy the requirements of the Mining Stormwater General Permit.

**Coordination**

**Comments:** The applicant has received a surface mining permit from the Office of Geology for this site. The site has been reviewed and approved by the Harrison County Zoning Commission as a surface mining site. The receiving stream, Saucier Creek, is on the 303 (d) list for pathogens. The site does not have any hydric soils per the Harrison County soils bulletin.

**Relationships**

**People**

Name	Address	City	State	Zip	Relationship
------	---------	------	-------	-----	--------------

Name	Address	City	State	Zip	Relationship
W. Fore	PO Box 3058	Gulfport	MS	39505	Is General Permit Contact For
W. Fore	PO Box 3058	Gulfport	MS	39505	Is Application Signatory for

### Administrative Tasks

Task	Scheduled Date	Completed Date
NOI Received	10/27/04 12:42:21 PM	10/27/04 12:49:01 PM
Coordinate In-House and Other State Agency Concerns	11/5/04	01/04/05
Review Notice of Intent, SWPPP, Plans and Specs and Resolve Deficiencies		01/04/05
Send Final Coverage and Supporting Documents for Signature		03/08/05
Issue Coverage	1/25/05 12:42:21 PM	03/09/05

### Existing Permits

Permit Number	Description
Geology-Mining-Application	A1543

**Requirement Profiles:**

Category	ID	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
AI	19958	Compliance Use Only	Permits	General Permit	Mining				



*Permit Board Issue  
Letter Make Effective*

*State of Mississippi  
Department of Environmental Quality  
Office of Pollution Control*

*Certificate of Permit Coverage*

under Mississippi's Mining Storm Water General NPDES Permit

Be it known

W. C. Fore Trucking, Inc.  
Gulfport, Mississippi

having submitted an acceptable Mining Notice of Intent, is hereby granted this Certificate of Permit Coverage in order to discharge storm water associated with the mining of

W C Fore Trucking, Inc., Wortham Road Pit  
Receiving Stream: Saucier Creek  
Harrison County

Coverage No: MSR321435  
Date of Coverage: March 9, 2005  
Date Coverage Expires: November 9, 1997

19958 GNP20040001

*Jim Jones*  
Chief, General Permits Branch

**Mississippi Department of Environmental Quality  
Office of Pollution Control  
Environmental Permits Division**

**Project Awareness Checklist**

*The primary purpose of this checklist is to allow early identification of "big picture" items that could affect EPD's permitting decisions. The checklist will be filled out by the permit manager, with input from the permit applicant as needed. Many of the questions will be answered after the pre-application meeting. The applicable portions of the checklist should be filled out prior to developing the draft permit. The checklist should be attached to the permit action form (PAF).*

*This checklist does not establish or affect legal rights or obligations. This checklist does not establish or affect procedural requirements for the development or issuance of permits. MDEQ is under no obligation to complete any or all of this checklist.*

*References to web sites or other sources external to MDEQ are intended for informational purposes only and do not imply any official MDEQ endorsement of, or responsibility for, the opinions, ideas, reliability, data or products presented at those locations, or guarantee the validity of the information provided.*

**Name of facility**

W C Fore Trucking Inc, Wortham Road Pit

**AI #**

19958

**Permit type**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Issuance                                  | <input type="checkbox"/> Modification                 |
| <input type="checkbox"/> Reissuance without Modification                      | <input type="checkbox"/> Reissuance with Modification |
| <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Priority |   |

**Critical path**

- |                              |   |  |                                      |
|------------------------------|---|--|--------------------------------------|
| <input type="checkbox"/> Air | <input checked="" type="checkbox"/> Water | <input type="checkbox"/> Hazardous Waste | <input type="checkbox"/> Solid Waste |
|------------------------------|---|--|--------------------------------------|

**Notes/Comments**

**A. Air****Section Not Applicable x**

- | Yes                      | No                       | Not Applicable           |  |
|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A1. Is the facility located in an area that may become a non-attainment area when the new NAAQS are implemented? <u>PM2.5</u>  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A2. Is this facility a significant minor source as defined by <u>APC-S-2, Section I.B.21</u> ?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A3. Will this facility generate dust, fumes, gases, mist, odorous matter, vapors, or any combination thereof, such as to cause a nuisance to property from which it originated? ( <u>APC-S-1, Section 3.3</u> )  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A4. Is this project subject to any of the following regulations? <ul style="list-style-type: none"><li>■ New Source Performance Standards (NSPS) (<u>40 CFR Part 60</u>)</li><li>■ National Emission Standards for Hazardous Air Pollutants (NESHAP) (<u>40 CFR Parts 61 and 63</u>)</li><li>■ Compliance Assurance Monitoring (CAM) (<u>40 CFR Part 64</u>)</li><li>■ Prevention of Significant Deterioration (PSD) (<u>40 CFR Part 52</u>)</li><li>■ Acid Rain Program (<u>40 CFR Part 72</u>)</li><li>■ Chemical Accident Prevention Provisions (<u>40 CFR Part 68</u>)</li></ul> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A5. Does this facility fall into one of the 28 listed source categories? ( <u>40 CFR 52</u> )  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A6. Is this facility located within 200 km of any <u>Class I</u> area? ( <u>40 CFR 52</u> ) <ul style="list-style-type: none"><li>■ Will there be construction or air emissions near a <u>national/state</u> forest or <u>national/state</u> park or other recreational area? <input type="checkbox"/>Yes / <input type="checkbox"/>No / <input type="checkbox"/>NA</li></ul>  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A7. Will any air discharges have an impact on water quality?   |

**Comment:** Page: 1  
"Significant Minor Source." A stationary source that is (a) not a synthetic minor source or major Title V source; and (b) is one of the following categories of sources: (a) hot-mix asphalt plants, (b) cotton gins, (c) medical waste incinerators, (d) rendering plants, or (e) Any other new stationary source deemed by the Permit Board to be a significant minor source due to (i) the source's potential to require significant air pollution control operations in order to avoid a violation of the Mississippi Air and Water Pollution Control Law or any regulation promulgated thereunder, (ii) the source's potential to cause a substantial threat to public health, welfare, or the environment, or (iii) the source's potential to cause or substantially contribute to a violation of any applicable ambient air quality standard.

**B. Hazardous Waste****Section Not Applicable x**

- |                          |                          |                          |   |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | B1. Is this a hazardous waste TSD project? <ul style="list-style-type: none"><li>■ Typically these projects have opposition.</li><li>■ Is there off-site contamination? <input type="checkbox"/>Yes / <input type="checkbox"/>No / <input type="checkbox"/>NA</li><li>■ Are "bad boy" and financial capability reviews necessary? <input type="checkbox"/>Yes / <input type="checkbox"/>No / <input type="checkbox"/>NA</li></ul> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | B2. Is the site a brownfield site? <ul style="list-style-type: none"><li>■ Check with Groundwater Assessment and Remediation Division – Brownfields Branch.</li></ul>   |



- Check with Groundwater Assessment and Remediation Division – Uncontrolled Sites Branch.

☐ ☐ ☐ B3. Are there universal waste considerations? (Examples: used oil, car batteries, fluorescent tubes.)

### C. Solid Waste

**Section Not Applicable x**

- ☐ ☐ ☐ C1. Is this a new or existing solid waste management facility?
- These projects may have opposition.
  - Does the existing facility (or other facilities owned or operated by the applicant) have a history of non-compliance? ☐Yes / ☐No / ☐NA
  - Has a disclosure statement been filed? ☐Yes / ☐No / ☐NA
  - Is the application a result of enforcement action by ECED? ☐Yes / ☐No / ☐NA
- ☐ ☐ ☐ C2. Will solid waste be sent to a third-party landfill?
- Contact the landfill owner to verify that the landfill can and will accept the waste.
  - Does the County Solid Waste Management Plan need to be modified? ☐Yes / ☐No / ☐NA

### D. Water

**Section Not Applicable ☐**

- ☐ x ☐ D1. Will the facility discharge wastewater to a third-party wastewater treatment plant (WWTP)?
- Is the WWTP willing and able to accept the discharge? ☐Yes / ☐No / ☐NA
  - Is a pretreatment permit needed? ☐Yes / ☐No / ☐NA
- ☐ ☐ x D2. Review Permit Board Policy on Suitable Points to Discharge Treated Wastewaters, January 2002 for acceptable locations of new discharges. (The document is located in the Knowledge Center.)
- Specific locations where wastewater discharges are prohibited or are strongly discouraged include:
    - Ross Barnett Reservoir and surrounding drainage basin
    - Old Run Tombigbee River north of Fulton
    - Pickwick Lake
    - Mississippi Sound (including the coastal waters)
    - Okatoma Creek
    - Wolf Creek
    - Red Creek
    - Black Creek (located south of Hattiesburg)
  - Typically, lakes, reservoirs, bayous, ponds or other confined, low flushing waterbodies, and drainage ways leading to them, are not suitable points of discharge.

- Has the permit manager or the Regional Office done an inspection to determine whether the discharge location is suitable to receive discharged wastewater? ☐ Yes / ☐ No / xNA
  - Contact Surface Water Division if unsuitable locations are proposed.
- ☐ x ☐ D3. Is the water body on the 303(d) list for parameters of concern?
- Check with the Water Quality Assessment Branch for 303(d) listing.
  - Consider alternative receiving streams/locations or no-discharge systems.
  - Refer to NPDES Permit Issuance Process for Facilities Discharging to 303(d) Listed Waters, January 1999
- ☐ ☐ x D4. Has a TMDL been developed for the receiving stream?
- See [http://www.deq.state.ms.us/newweb/swhome.nsf/pages/WDivision/\\$file/tmd3.html](http://www.deq.state.ms.us/newweb/swhome.nsf/pages/WDivision/$file/tmd3.html), or check with the Water Quality Assessment Branch.
  - Does the TMDL propose limitations on the discharge?  
☐ Yes / ☐ No / ☐ NA
- ☐ x ☐ D5. Will the project impact wetlands or other waters of the United States?
- Check with WQMB for requirements for 404 permit or 401 Water Quality Certification
  - Are there any issues with the Surface Water Division?  
☐ Yes / xNo / ☐ NA
- ☐ ☐ x D6. Is an antidegradation package required?
- For POTWs, required for new major discharges ( $\geq 1$  mgd) or for increases in discharges from majors. (This may change when WQMB issues guidance in the future.)
  - For industrial, follow the "Antidegradation Policy Review Checklist." (The document is located in the Knowledge Center.)
  - The package must be sent to EPA along with the draft permit.
- ☐ x ☐ D7. Is the stream classified for shellfish harvesting, drinking water supply, or recreation?
- See State of Mississippi Water Quality Criteria for Intrastate, Interstate and Coastal Waters, November 16, 1995 for a list, or check with WQAB/Standards. (The document is located in the Knowledge Center.)
  - Discharge is discouraged. Consider alternative receiving streams/locations or no-discharge systems.
  - Have water supply intake distances been evaluated?  
☐ Yes / ☐ No / ☐ NA
- ☐ ☐ x D8. Is the stream actually used for recreation, even if the classification is fish and wildlife?

- Check with WQAB/Standards, Regional Offices, Mississippi Department of Wildlife, Fisheries, and Parks, and Mississippi Forestry Commission.
  - Discharge is discouraged. Consider alternative receiving streams/locations or no-discharge systems.
  - Have distances of actual water contact activity been evaluated?  
☐ Yes / ☐ No / xNA
- ☐ x ☐ D9. Is the receiving stream classified as an ephemeral stream?
- Check with WQAB/Standards
  - Alternate discharge points or no-discharge systems must be investigated before this stream is considered.
- ☐ x ☐ D10. Will the project violate water buffer zone requirements?
- How is the surrounding area zoned?
  - Will there be a discharge near a state forest or park or other recreational area? ☐ Yes / xNo / ☐ NA
- ☐ x ☐ D11. Has the stream been proposed for inclusion in the State Scenic Streams Stewardship Program (Section 51-4 et seq., Mississippi Code)?
- As of March 12, 2003, the streams include
    - Chunky Creek in Newton County from the confluence of Chunky Creek and Tallasher Creek.
    - Chunky River in Newton, Lauderdale and Clarke Counties to the junction with the Chickasawhay River in Clarke County.
    - Magee's Creek in Walthall County from the confluence of Varnell Creek to the Bogue Chitto River.
    - Tangipahoa River in Pike County beginning at U.S. Highway 51 and extending to the Mississippi-Louisiana state line.
    - Wolf River in Pearl River, Hancock, Stone and Harrison Counties from Highway 26 in Pearl River County to the Bay of St. Louis in Harrison County.
  - Discharge is discouraged. Consider alternative receiving streams/locations or no-discharge systems.
- ☐ ☐ x D12. Will the facility obtain water from an existing Public Water System (PWS)?
- Does the PWS have adequate capacity? ☐ Yes / ☐ No / xNA  
 Contact MSDH/Division of Water Supply if needed.
  - Check with OLWR if the water use will be  $\geq 300,000$  gpd or if the PWS will need a permit modification.
- ☐ x ☐ D13. Will the facility use surface water or build a dam?
- Check with OLWR for permit requirements.
  - Check with WQMB for requirements regarding intake structures or wetlands issues.

- ☐ x ☐ D14. Will the facility use groundwater?  
☐ Check with OLWR for permit requirements.

#### E. SARA Title III (EPCRA) Reporting

Section Not Applicable x

- ☐ ☐ ☐ E1. Will the facility meet the reporting criteria of EPCRA Section 313 by man-hour requirement, SIC code or reportable quantity over a certain threshold?
- ☐ ☐ ☐ E2. In response to the requirements of EPCRA Section 304 has the facility determined if there are "Extremely Hazardous Substances (EHS)" or CERCLA Substances onsite in excess of their respective reportable quantities?
- ☐ ☐ ☐ E3. Does the facility store onsite an EHS in excess of its respective "Threshold Planning Quantity?" If so then the reporting requirements of EPCRA Section 311 and 312 must be followed.

#### F. Other

Section Not Applicable ☐

- x ☐ ☐ F1. List all existing permits and their expiration dates:

Permit Number	Description	Expiration
Geology-Mining-Application	A1543	

- ☐ Are permit applications in-house for all permits that have expired or will expire in  $\leq 180$  days? ☐ Yes / ☐ No / x NA  
 If no, will the current permitting action proceed?  
☐ Yes / ☐ No / xNA

Permit Activity	Last Permit Expired Task	Last App Received Task
%%:inhouse_apps	%%NEXT%%	%%NEXT%%
%%		

- ☐ ☐ x F2. Are all fees (e.g., Title V), fines, and/or compliance with CEQ orders current?  
☐ Check enSite for actions on or after October 1, 2001. Check with ECED for earlier actions.  
☐ Check with Mona Varner for fees.
- ☐ ☐ x F3. Check complaints database and compliance history.

- Check enSite for actions on or after October 1, 2001. Check with ECED for earlier actions.
- What is the nature of the historical compliance problems (if applicable)?

■ Are there any pending agreed orders? ☐ Yes / xNo / ☐ NA

☐ x ☐ F4.

Are there EJ considerations?

- Review demographic maps and per capita income information.
- Does the area around the site appear to be a low-income or minority area?  
☐ Yes / xNo / ☐ NA
- Is there a significant amount of industrial activity? ☐ Yes / x No / ☐ NA
- Are there indications that there is a significant population of non-English-speaking people near the site? ☐ Yes / x No / ☐ NA
- Are we aware of any variances or violations in local zoning?  
xYes / ☐ No / ☐ NA
- Are there quality of life issues? ☐ Yes / xNo / ☐ NA
- Contact the EJ coordinator if there appear to be EJ concerns.
- Determine what kind of additional public information activities need to be done.

☐ x ☐ F5.

Has it been determined that there is public interest in this project?

- Is there organized public opposition? ☐ Yes / xNo / ☐ NA
  - Who is the opposition?
  - Has there been media coverage or the possibility of media coverage?  
xYes / ☐ No / ☐ NA
  - Are there regulation changes on the horizon that would result in more stringent requirements for the project? ☐ Yes / xNo / ☐ NA
  - Are there actual, potential, or alleged human health or environmental impacts? ☐ Yes / xNo / ☐ NA
- If yes, explain.

☐ x ☐ F6.

Are there cumulative impact issues?

- Is there a concentration of emissions in the area?  
☐ Yes / xNo / ☐ NA
- Research by reviewing files, etc. for effects of past projects, the effects of current projects, and the effects of probable future projects. It includes the effects of other projects which interact with this project and, together, are considerable.
- Is GIS information available? x Yes / ☐ No / ☐ NA  
Has it been used? ☐ Yes / x No / ☐ NA



- ☐ x ☐ F7. Is the Mississippi Development Authority (MDA) interested?
- Is the proposed project in an economically underdeveloped area of the state? ☐Yes / ☐No / ☐NA
  - Is the project receiving CDBG (Community Development Block Grant) funding? ☐Yes / ☐No / ☐NA
- CDBG funding is given for projects in low-to-moderate income areas and thus indicates the possibility of EJ considerations.
- ☐ x ☐ F8. Will this project have the potential to impact threatened and endangered species? Pesticide limitations for endangered species link. NPDES link. <http://endangered.fws.gov/>
- Contact WQAB for a list of species.
- ☐ x ☐ F9. Will this project have the potential to impact archeological and cultural resources?
- Has the Mississippi Department of Archives and History been contacted? ☐Yes / ☐No / ☐NA
- ☐ x ☐ F10. Is this facility located in a politically sensitive area?
- ☐ x ☐ F11. Will this facility have a significant economic impact on the area?
- ☐ x ☐ F12. Does this project involve other state or federal agencies, and if so, in what way?
- ☐ x ☐ F13. Is the project (or company or location, etc.) listed in the Heightened Awareness Projects database (located in Lotus Notes)?
- ☐Yes / ☐No / ☐NA
- If yes, get in touch with the listed contact person.
- ☐ x ☐ F14. Review "Enclosure B: EPA/State Review and Oversight Tools for NPDES Permits" to determine if any additional information needs to be gathered. (The document is located in the Knowledge Center.)
- ☐ x ☐ F15. Is there *anything else* that might slow down the permitting decision or change any permit conditions? (Industrial Sector Notebooks) If yes, describe.

**SUNHERALD.com**

Posted on Tue, Jan. 25, 2005

## Supervisors approve dirt pits in Saucier

By ANITA LEE  
THE SUN HERALD

**GULFPORT** - Three dirt pits of about 40 acres each will be operated in Saucier.

The Board of Supervisors voted unanimously Monday to grant W.C. Fore conditional-use permits for the mining operations.

The Harrison County Planning Commission had approved permits for two pits, one north of East Wortham Road and another east of Mississippi 67. They can operate only until December 2006, when Fore should be finished with a contract to supply sand for expansion at the state port in Gulfport.

The commission said it would consider a third pit only if the other two failed to supply enough fill material.

The pits will be used not only for the port, but also to meet other needs for sand and gravel, supervisors learned. For example, Mississippi 67 and Cowan-Lorraine Road currently are under construction.

Supervisors approved the third pit after receiving assurances that truck traffic would use a forestry road west of Old 49, and Noble Road east of Old 49 to U.S. 49. The pit sits on 500 acres.

---

© 2005 The Sun Herald and wire service sources. All Rights Reserved.  
<http://www.sunherald.com>

AI #19958  
GnF20040001



MISSISSIPPI DEPARTMENT OF  
ENVIRONMENTAL QUALITY



**MINING NOTICE OF INTENT (MNOI)  
FOR COVERAGE UNDER MINING STORM WATER  
GENERAL NPDES PERMIT MSR32 1435  
(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. Lateral expansion of an existing mine that has storm water permit coverage does not require submittal of a new MNOI however, modification of the existing SWPPP to include the expansion is required. Also, according to 40 CFR 122.26 (b) (14) (iii), mining operations that do not discharge storm water contaminated by contact with any overburden, raw material, intermediate products, finished products, byproducts or waste products shall not be required to file a MNOI.

IS APPLICANT THE OPERATOR OR OWNER? (Circle one or both)

OPERATOR CONTACT PERSON: W. C. Fore

OPERATOR COMPANY NAME: W. C. Fore, LLC.

OPERATOR STREET (P. O. BOX): P. O. Box 3058

OPERATOR CITY: Gulfport STATE: MS ZIP: 39505

OPERATOR TELEPHONE NUMBER (INCLUDE AREA CODE): (228) 863-1314

(List owner if different than operator)

OWNER CONTACT PERSON: Same as Above

OWNER COMPANY: \_\_\_\_\_

OWNER STREET (P. O. BOX): \_\_\_\_\_

OWNER CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

OWNER TELEPHONE NUMBER (INCLUDE AREA CODE): \_\_\_\_\_

-(Mine information)

NAME OF MINE: Wortham Road Pit

STREET ADDRESS OR NEAREST NAMED ROAD: Wortham Road

MINE LOCATION: CITY: Saucier COUNTY: Harrison

(Mine information continued)

see attached sheet

1/4 OF 1/4 OF SECTION 28, TOWNSHIP 5 South, RANGE 11 West

ATTACH A USGS QUAD MAP OUTLINING MINE LOCATION

(Maps can be obtained from the Mississippi Office of Geology. For information call 601-961-5523).

RECEIVING STREAM: Saucier Creek

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

MATERIAL TO BE MINED: Sand

TOTAL ACREAGE (If modification, give original acreage, expanded acreage and total acreage): 40 Acres

DOES THIS MINE NEED A CORPS OF ENGINEERS WETLANDS (Sec. 404) PERMIT? No

WILL HYDRAULIC DREDGING BE USED? (Y/N) No WASHING OF SAND/GRAVEL? (Y/N) No

LIST ANY: NPDES PERMIT NO. N/A STATE OPERATING PERMIT NO. N/A

GEOLOGY PERMIT APPLICATION NO. N/A GEOLOGY PERMIT NO. N/A

HAS A "NOTICE OF EXEMPT OPERATIONS" BEEN FILED WITH GEOLOGY? (Y/N) No

A Geology "Notice of Exempt Operations" or "Notice of Intent to Mine Class I or Class II Materials" must be filed before coverage will be granted under the mining storm water NPDES permit. For information on Office of Geology requirements call 601-961-5515.

ESTIMATED START DATE: 11/2004 END DATE: 12/2011

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

IDENTIFY THE ASSOCIATION OR GENERIC SWPPP PREVIOUSLY SUBMITTED:

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.

W. C. Fore  
Signature:

September 30, 2004  
Date Signed

W. C. Fore  
Printed Name

President  
Title

(This application shall be signed according to the General Permit, Part V.E., 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

# W. C. FORE TRUCKING, INC.

P. O. Box 3058 • Gulfport, MS 39505 • (228) 863-1314 • fax (228) 864-0013



October 20, 2004

Mississippi Department of Environmental Quality  
Office of Pollution Control  
Environmental Permits Division  
Post Office Box 10385  
Jackson, Mississippi 39289-0385

Attention: Mr. Ross Williams

Reference: **Surface Mining Permit Application  
Wortham Road Pit,  
Harrison County, Mississippi**

Dear Mr. Williams,

Pursuant to the requirements of the Mississippi Surface and Reclamation Rules and Regulations outlining the requirements to submit a Mining Notice of Intent for the above captioned surface mining pit application, please find enclosed the required items as delineated below.

1. Mining Notice of Intent
2. USGS Quadrangle Map
3. Site-specific Storm Water Pollution Prevention Plan (SWPPP)
4. USGS Quadrangle Map
5. USGS Aerial Map
6. Harrison County, Mississippi Soil Survey
7. Drawings of Permit Area: S-1, S-2, D-1, & D-2

If you have any questions at all, please do not hesitate to call our office.

Sincerely,

Michael Rouse

encl. As Noted



**WORTHAM ROAD PIT MINE LOCATION**

---

**Success Quadrangle Section 28 Township 5 South Range 11 West**

---

**Southwest corner of the surface mine is located in the NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$**

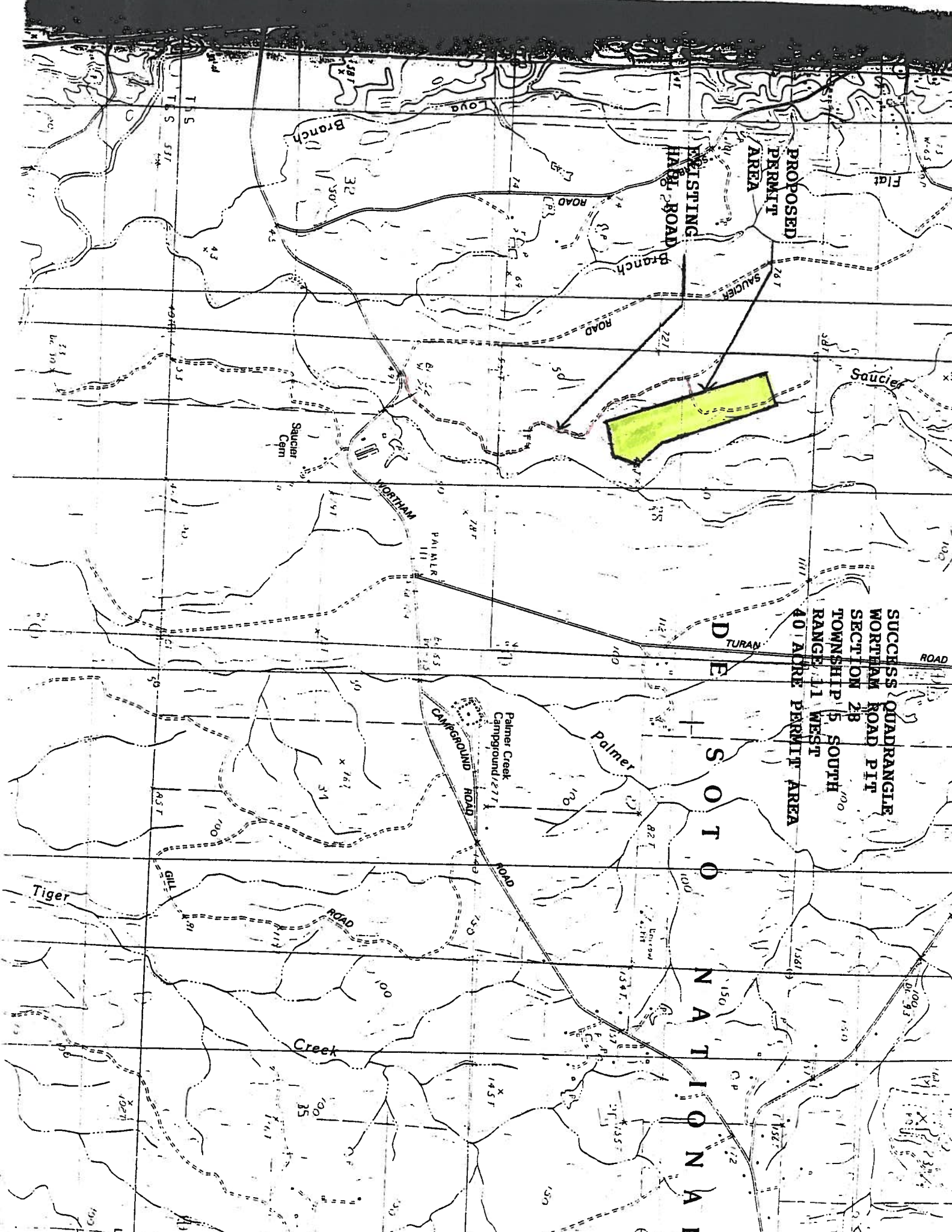
---

**Southeast corner of the surface mine is located in the NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$**

---

**North corners of the surface mine is located in the NW  $\frac{1}{4}$  of NW  $\frac{1}{4}$**

---



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

**Wortham Road Pit  
40 Acres**

**Success Quadrangle  
S28, T5S, R11W**

**Saucier,  
Harrison County,  
Mississippi**

**W. C. Fore, LLC.  
Post Office Box 3058  
Gulfport, MS 39505  
(228) 863-1314**

# **STORM WATER POLLUTION CONTROL PLAN**

**Wortham Road Pit  
40 Acres  
Section 28, Township 5S, Range 11W  
Harrison County, Mississippi**

## **Table of Contents**

	<b>Page</b>
<b>Overview</b>	
Introduction	3
Objective	4
<b>General Requirements</b>	
Implementation	4
Erosion and Sediment Controls	5
Structural Practices	6
Inspection Requirements	8
Maintenance	8
Post Construction	9
<b>Reporting</b>	9
<b>Noncompliance Reporting</b>	
Anticipated Noncompliance	9
Unanticipated Noncompliance	9
<b>Termination of Reporting and Permit Coverage</b>	10
<b>Pollution Prevention Plan Certification</b>	10
<b>Attachment 1</b>	
Storm Water Pollution Prevention Plan	11
Site Location Map	11
Reclamation Site Map	11

### **Typical Drawings**

Typical Interceptor Dikes and Swales  
Filter Fence Details  
Brush Barrier  
Typical Sediment Trap  
Surface Roughening  
Level Spreaders

Figure 1  
Figure 2  
Figure 3  
Figure 4  
Figure 5  
Figure 6



## OVERVIEW

### Introduction

This document is the Storm Water Pollution Prevention Plan (SWPPP) for property owner and operator, W. C. Fore, LLC, Post Office Box 3058, Gulfport, Mississippi 39505, for the surface mining pit known as "**Wortham Road Pit**", a 40-acre site located in Saucier, Harrison County, Mississippi.

The purpose of this application is to allow W. C. Fore, LLC, Gulfport, Mississippi, the property owner and operator, to mine sand for a current project at the Mississippi State Port in Gulfport, Mississippi.

The existing haul road shall be utilized for ingress and egress. This haul road shall be reconstructed to become a stabilized all weather construction entrance for ingress and egress of all construction traffic. The surface mine will be surrounded by a substantial buffer zone that is more or less 4000 feet from any public road. A buffer zone of 300 feet will be maintained to the East between the surface mine and Saucier Creek. The buffer zones shall remain in their natural vegetative state around the periphery of the site. Only those trees and vegetative growth will be removed that will impede the location and excavation processes of this surface mining pit. Storm water in the buffer zones will follow the existing natural watercourse. Disturbed areas caused by construction or mining activities shall be temporarily or permanently seeded as the circumstances direct. In the interim, sedimentation and erosion controls shall be put in place as needed. Flow of surface water into the mine will be controlled by the use of erosion control structures.

1. Clearing and excavation of the surface mining pit will be in a north to south direction. The removed topsoil shall be stockpiled and the overburden will be used to construct the perimeter berm of the mined area. The berm will be constructed and elevated above the existing natural ground. This raised levee will preclude storm water from entering the mined area from the surrounding property. A temporary sump basin shall be located in the

southwest area of the surface mining operation. The purpose of this temporary sump is to collect sediment and incidental stormwater falling into the mining pit. No impounded stormwater or sediment shall leave the mining pit. All storm water and ground water shall be contained within the confines of the mining pit. The earthen berms comprised of the stripped overburden around the periphery of the excavated areas shall preclude the mingling of the storm water outside the pit area and the ground water/stormwater from the excavation.

Storm water falling outside the pit area shall drain from the area through existing natural watercourses. Ultimately the receiving waters of the State of Mississippi will be the Saucier Creek to the east of the project. In its undeveloped state the surface mining pit area encompasses the 50-foot elevation, the highest point in the area and stormwater presently appears to flow to the south, southwest, and southeast.

The Storm Water Permit shall be displayed in a conspicuous location to enable public review.

This Plan is the criteria for compliance with regulations set forth by the Environmental Protection Agency, 40 CFR, Parts 122, 123 and 124, National Pollutant Discharge Elimination System Application Regulations for Storm Water Management for Construction Activities.

### **Objective**

The purpose and objective of this Storm Water Pollution Prevention Plan is to meet the requirements of the State of Mississippi and the U. S. Environmental Protection Agency for the control and mitigation of pollutants to storm water discharges associated with this surface mining operation for sand and clay.

## GENERAL REQUIREMENTS

This Storm Water Pollution Prevention Plan consists of certain major activities and controls appropriate for surface mining activities.

### **Implementation**

1. Install stabilized construction entrance.
2. Install erosion control structures as needed.
3. Perform stripping activities: Topsoil shall be stockpiled for future plating of the slopes and the overburden shall be used to construct the berms around the perimeter of the mining site. Clearing and excavation of the surface mining pit will be in a north to south direction. The topsoil shall be removed and stockpiled. The overburden will be used to construct the perimeter berm of the mined area. The berm will be constructed and elevated above the existing natural ground. This raised levee will preclude storm water outside the pit zone from entering the mined area. Storm water shall drain away from the site through existing natural watercourses and elevation changes. A temporary sump basin shall be located in the southwest area of each phase of the surface mining operation. The purpose of this temporary sump is to collect sediment and stormwater falling into the mining pit. All incidental storm water entering the mining operation and ground water will not leave the pit and shall not be discharged into the waters of the State of Mississippi.
4. The general configuration of the mining operation and the construction techniques of the surface mining area has been arranged to minimize any impact to the adjacent lands.

### **Erosion and Sediment Controls**

Mine development will proceed in the planned sequence and every attempt will be made to prevent erosion. All disturbed areas will be managed and revegetated as soon as practicable after construction activities. Where applicable, disturbed areas will be stabilized by temporary seeding, permanent seeding, mulching and/or vegetative buffer strips as each case dictates.

### **Structural Practices**

In addition to vegetative practices referenced above, certain structural erosion control measures shall be implemented as needed. The measures include diverting flows from exposed soils, storing flows or otherwise limiting runoff from exposed areas. Other structural methods will include straw bale dikes, silt fences, earth dikes, brush barriers, drainage swales, check dams, outlet protection, detention/retention basins, sediment traps, temporary sediment basins or equivalent sediment controls.

1. Construct the sediment / detention pond with the spoils from the excavation to be used in berms.
2. Divert upslope surface water around disturbed areas of the site as shown in figure 1, Diversion Dikes.
3. Limit the exposure of the disturbed area to the shortest amount of time as practicable.
4. Minimize the amount of surface area that must be disturbed at one time.
5. Implement the best management practices to mitigate adverse impacts from storm water runoff. Shown in Figures 2, 3, 4, 5 and 6.

Erosion and sediment controls consisting of vegetative and structural practices shall be designed to preserve vegetation or timely revegetated disturbed areas and divert from exposed soils or otherwise limit runoff from exposed areas.

Controls shall be placed to minimize off-site vehicle tracking of sediments.

Controls shall be implemented as needed to retain storm water in the on-site detention pond to prevent adverse impact to receiving streams. When work is not being performed in a disturbed area, appropriate temporary and/or vegetative and structural practices shall be initiated.

Any of the following erosion and sedimentation control measures may be used to control/reduce pollutants in storm water.

- Temporary Seeding
- Permanent Seeding
- Mulching
- Sod Stabilization
- Vegetative Buffer Strips
- Grassy Swales
- Modification of Contours
- Silt Fences
- Detention Basin
- Sediment Traps
- Sedimentation Basin
- Check Dams
- Straw Bale Dikes
- Earth and/or Sandbag Dikes
- Brush Barriers
- Subsurface Drains
- Pipe Slope Drains
- Storm Drain Inlet Protection
- Drainage Swales
- Rock Outlet Protection

A rain gauge shall be set up on site during mining operations. The rain gauge shall be located in the vicinity of the mining pit. Within twenty-four hours after commencement of a rainfall event greater than or equal to a Two Year 24 Hour Storm Event (6 inches), an inspection of all controls and other SWPPP requirements shall be performed during the permit coverage in compliance with Part IV.B of the permit.

Other controls of importance may include, but are not limited to:



1. Topsoil will be removed from the area to be mined and used to plate diversion dikes and berms.
2. Preserving existing vegetation and revegetating disturbed soil as soon as possible to limit the exposure time of the disturbed area.
3. Surface area that must be disturbed will be minimized.
4. Management practices to mitigate adverse impacts from storm water runoff are, but not limited to, interceptor dikes and swales, hay bales, brush barriers, silt fences, and sediment traps. Figures 1, 2, 3, 4, 5 and 6.
5. Structurally sound dams and levees will be constructed for impoundments.
6. Encompassing various stockpiles such as fill or topsoil materials with silt fence and or hay bales.
7. Properly maintaining, cleaning, repairing the site, and erosion prevention controls.

### **Inspection Requirements**

Inspection of all temporary and vegetative, erosion and sediment controls, and other protective measures and SWPPP requirements will be performed during the permit coverage.

After each significant rainfall, but not less than once a week all disturbed areas, erosion and sediment controls shall be inspected.

At least once every month:

1. Within twenty-four hours after commencement of a rainfall event greater than or equal to a Two Year 24 Hour Storm Event (6 inches).
2. As often as necessary ensure that appropriate erosion and sediment controls have been properly constructed and maintained.

### **Maintenance**

1. All needed repairs shall be made within 24 hours.

2. Remove sediment from inlet protection devices and silt fences when accumulated silt has attained 50 percent capacity.
3. Reseed, fertilize and mulch as needed.

### **Post Construction**

Upon completion of mining activities, post construction control measures shall include on-site infiltration, flow attenuation in vegetated swales and natural depressions and retention structures. Velocity dissipation devices may be required at the outfall of these structures and along the outfall channels provide non-erosive flows.

## **REPORTING**

Inspections will be reported on copies of the forms provided. The report form shall be submitted semi-annually, postmarked not later than the 28<sup>th</sup> day of July or January for each six-month period. All records, reports and information resulting from activities required by this permit shall be retained of at least three years from the date of the MNOI, inspection or report. The inspection report is attached at the end of this SWPPP. This form shall be duplicated as necessary.

## **NONCOMPLIANCE REPORTING**

1. **Anticipated Noncompliance:** The Mississippi Office of Pollution Control (OPC) will be given at least ten days advance notice, if possible, before any planned noncompliance with permit requirements.
2. **Unanticipated Noncompliance:** The Mississippi Office of Pollution Control (OPC) shall be notified orally within 24 hours from the time that the operator becomes aware of the unanticipated noncompliance. A written report will be provided to the OPC within five working days from the time the operator becomes aware of the circumstances. The report shall describe the cause, the exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence and, if the noncompliance has not ceased, the anticipated time for correction.

### **TERMINATION of REPORTING & PERMIT COVERAGE**

Upon successful completion of all permanent erosion control and sediment controls for a covered project, a certification of the same will be submitted to the Mississippi Office of Pollution Control. Inspections shall continue for at least two months beyond completion. If controls have been successful during these two months, reporting and permit coverage is automatically terminated unless notified by OPC within thirty days of receiving the final inspection report.

### **POLLUTION PREVENTION PLAN CERTIFICATION**

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 responsible for gathering the information, the information submitted, 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.

Signed: \_\_\_\_\_

  
W. C. Fore

Date: \_\_\_\_\_

September 30, 2004

ATTACHMENT 1  
STORM WATER POLLUTION  
PREVENTION PLAN  

---

SITE LOCATION MAP  
RECLAMATION SITE MAP

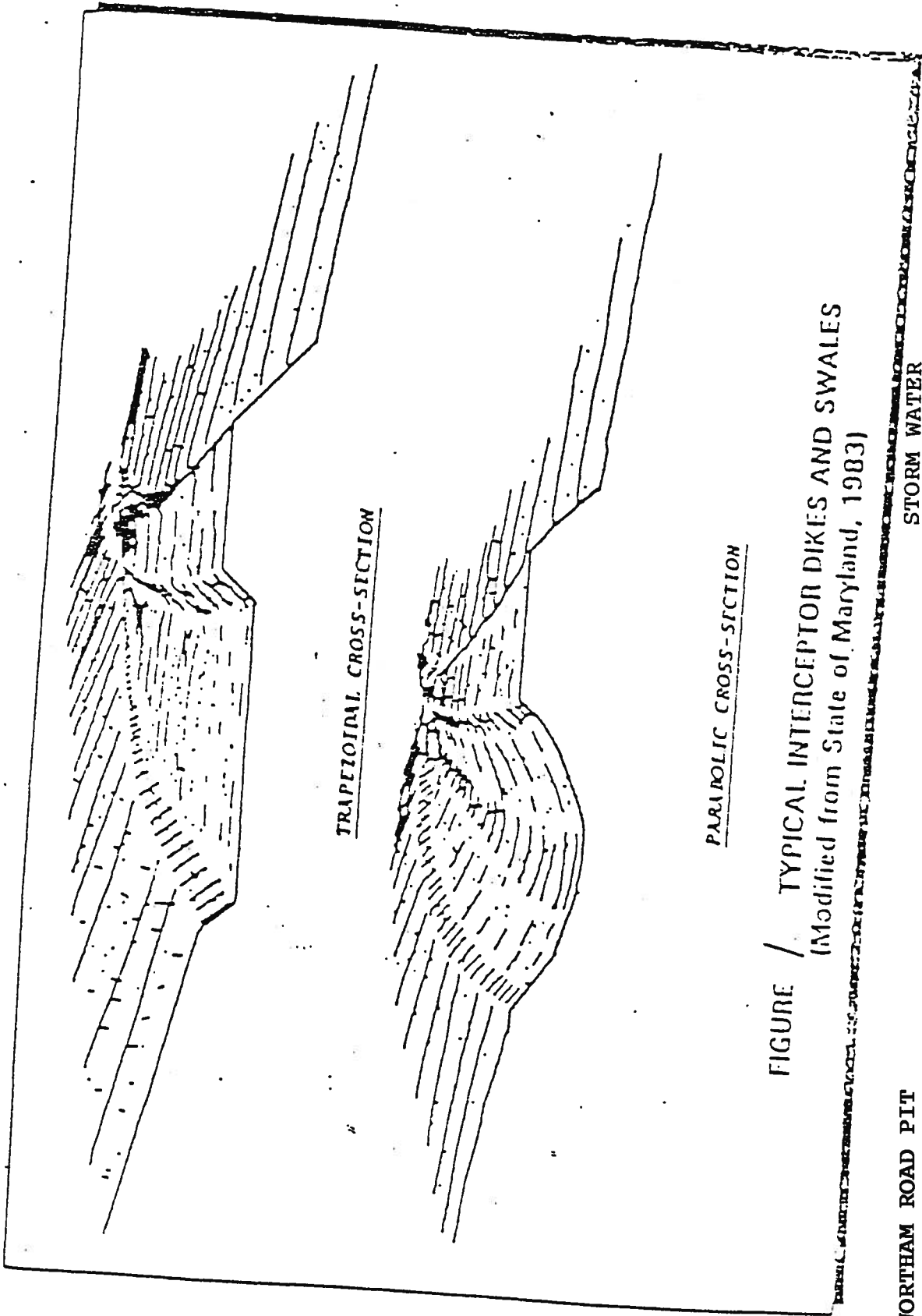


FIGURE / TYPICAL INTERCEPTOR DIKES AND SWALES  
(Modified from State of Maryland, 1983)

WORTHAM ROAD PIT  
SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

STORM WATER  
POLLUTION CONTROL PLAN



Extension of fabric and wire  
into the trench

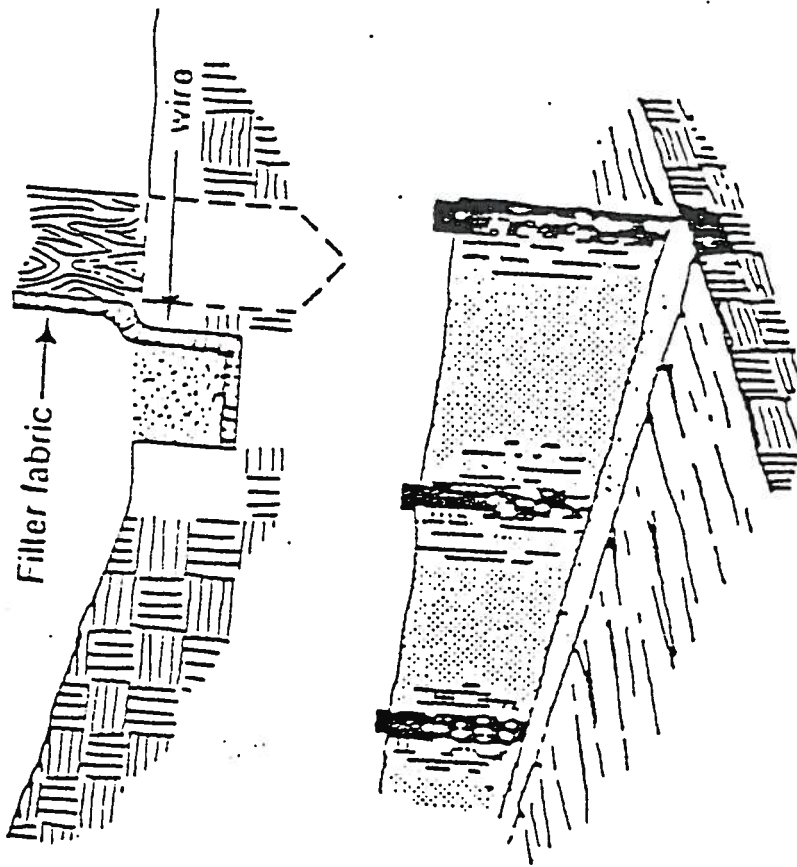
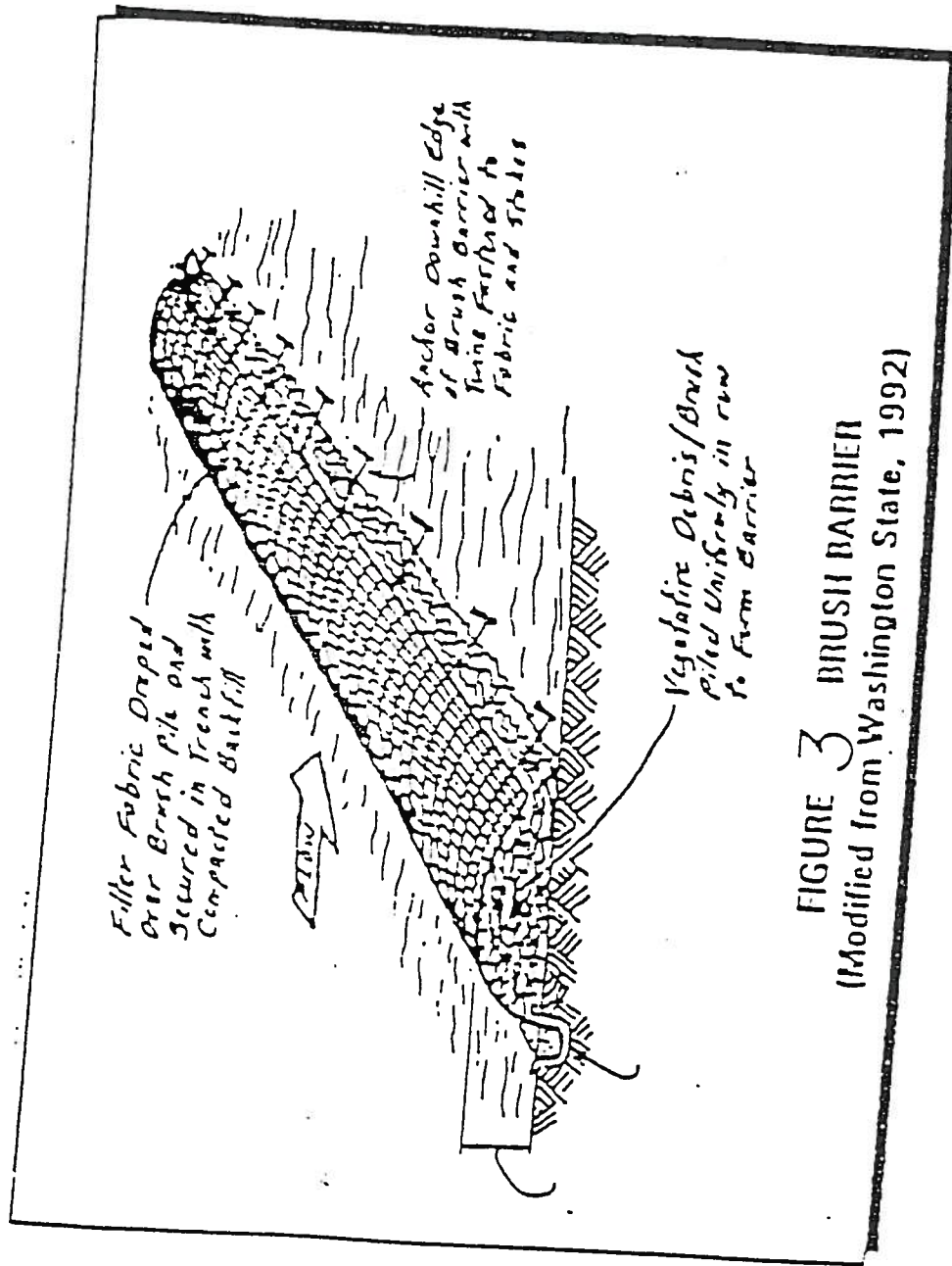


FIGURE 2 FILTER FENCE DETAILS  
(Modified from State of North Carolina, 1988;  
and State of Wisconsin, 1988)

WOARTHAM ROAD PIT  
SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

STORM WATER  
POLLUTION CONTROL PLAN



**FIGURE 3 BRUSH BARRIER**  
(Modified from Washington State, 1992)

**WORTHAM ROAD PIT  
SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST**

**STORM WATER  
POLLUTION CONTROL PLAN**

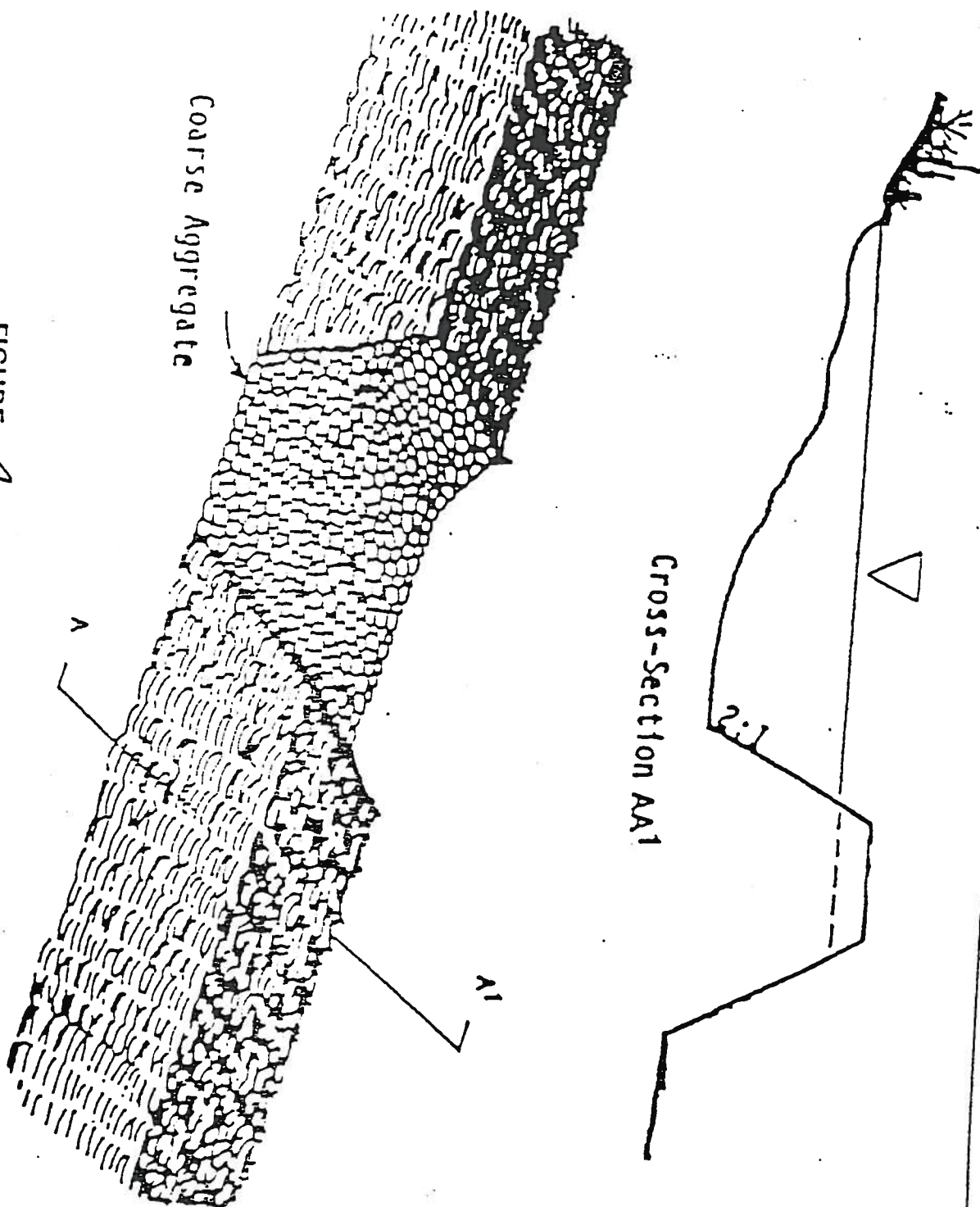


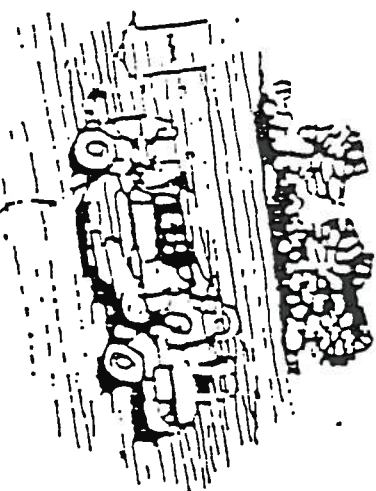
FIGURE 4 TYPICAL SEDIMENT TRAP  
(Modified from Commonwealth of Virginia, 1980)

WORTHAM ROAD PIT  
SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

STORM WATER  
POLLUTION CONTROL PLAN

Heavy Equipment can be used to mechanically scarify slopes

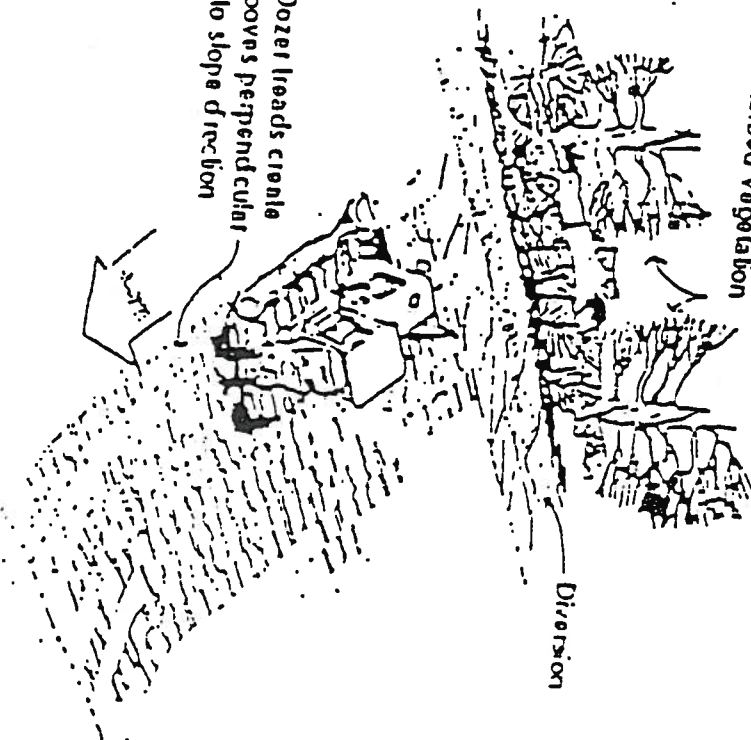
Undisturbed Area



Undisturbed Vegetation

Diversion

Dozer leads create grooves perpendicular to slope direction



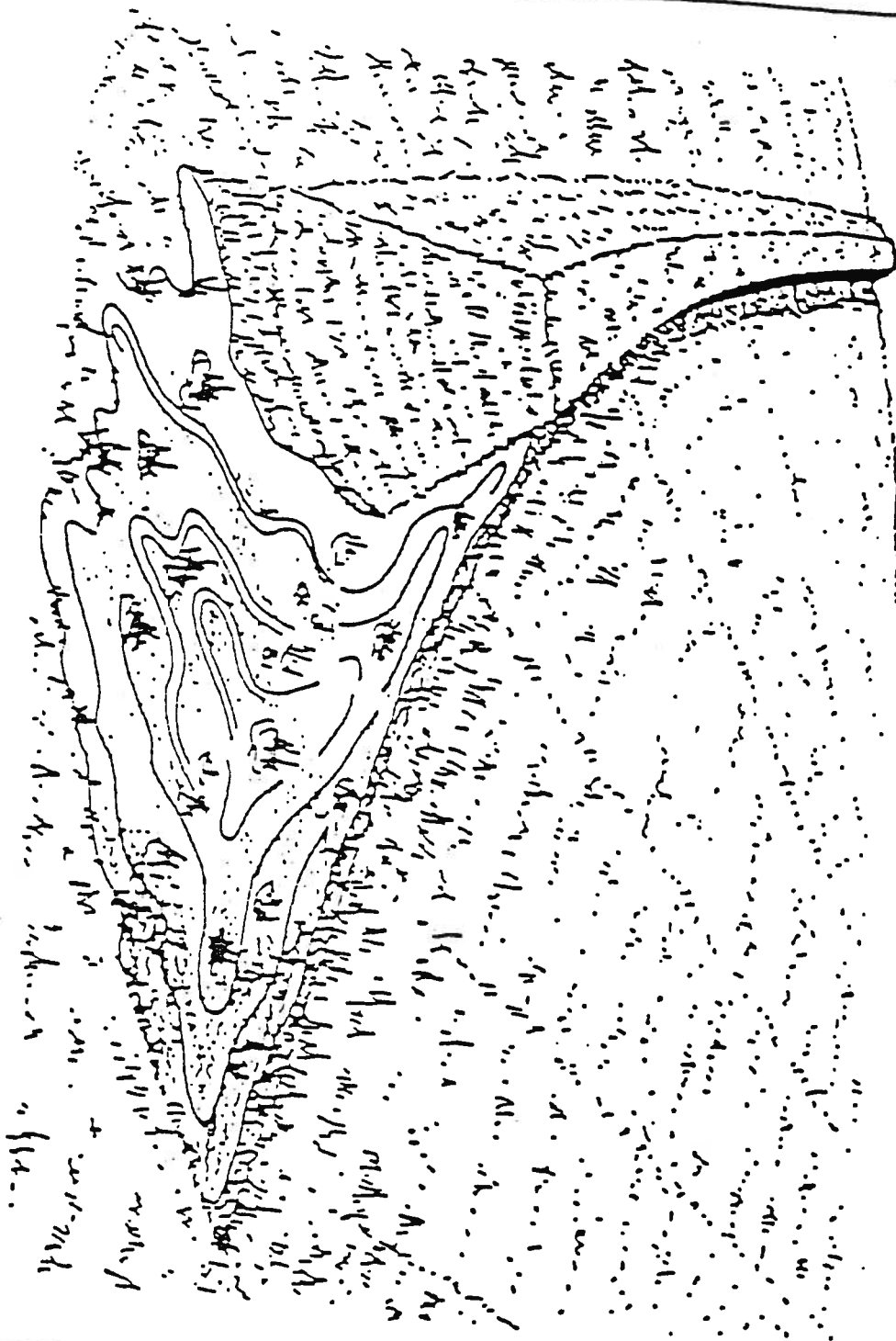
Unvegetated slopes should be temporarily scarified to minimize runoff velocities

FIGURE 5 SURFACE ROUGHENING  
(Modified from W. J. ...)

WORTHAM ROAD PIT  
SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

STORM WATER  
POLLUTION CONTROL  
PLAN

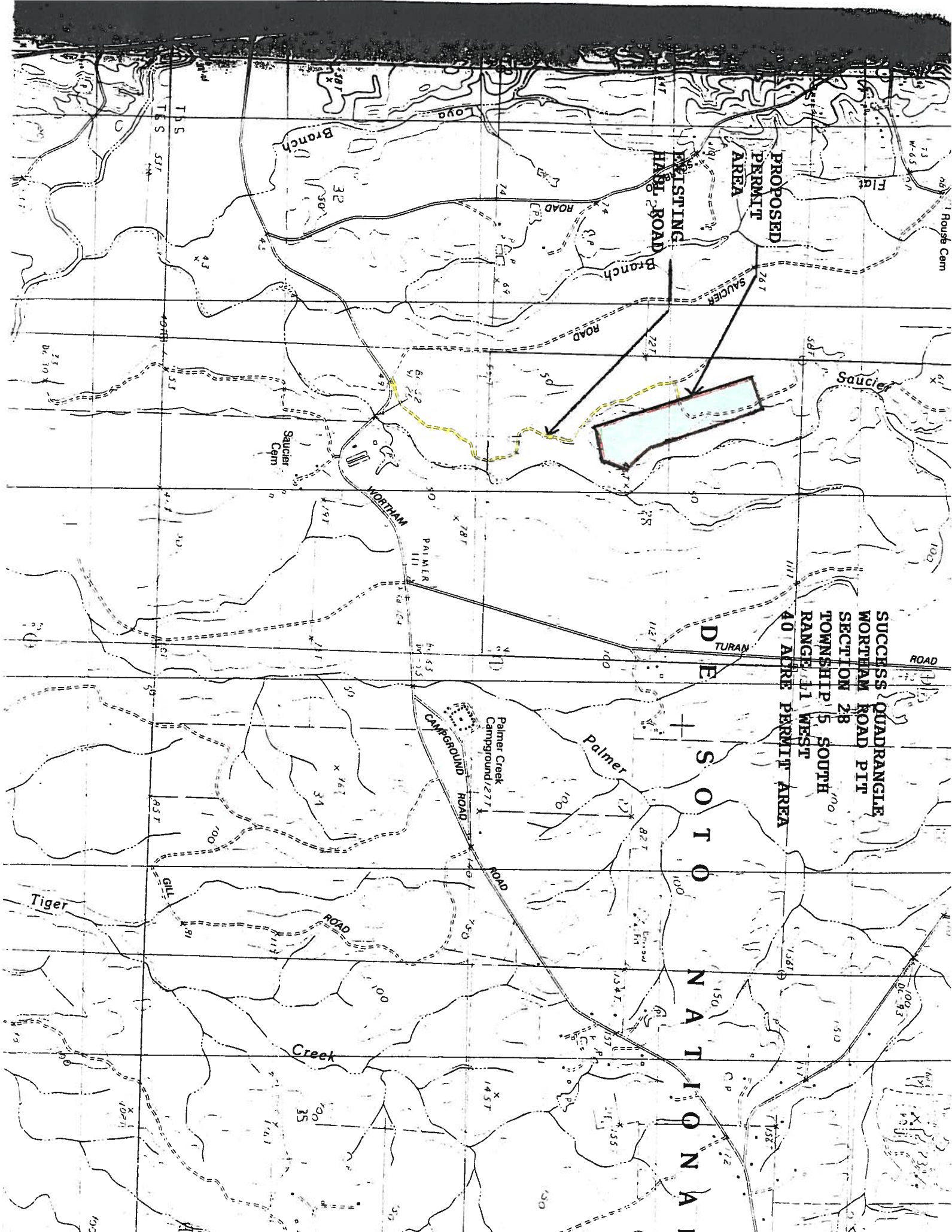
FIGURE 6 . LEVEL SPREADERS  
(Modified from Commonwealth of Virginia, 1990)



WORTHAM ROAD PIT  
SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

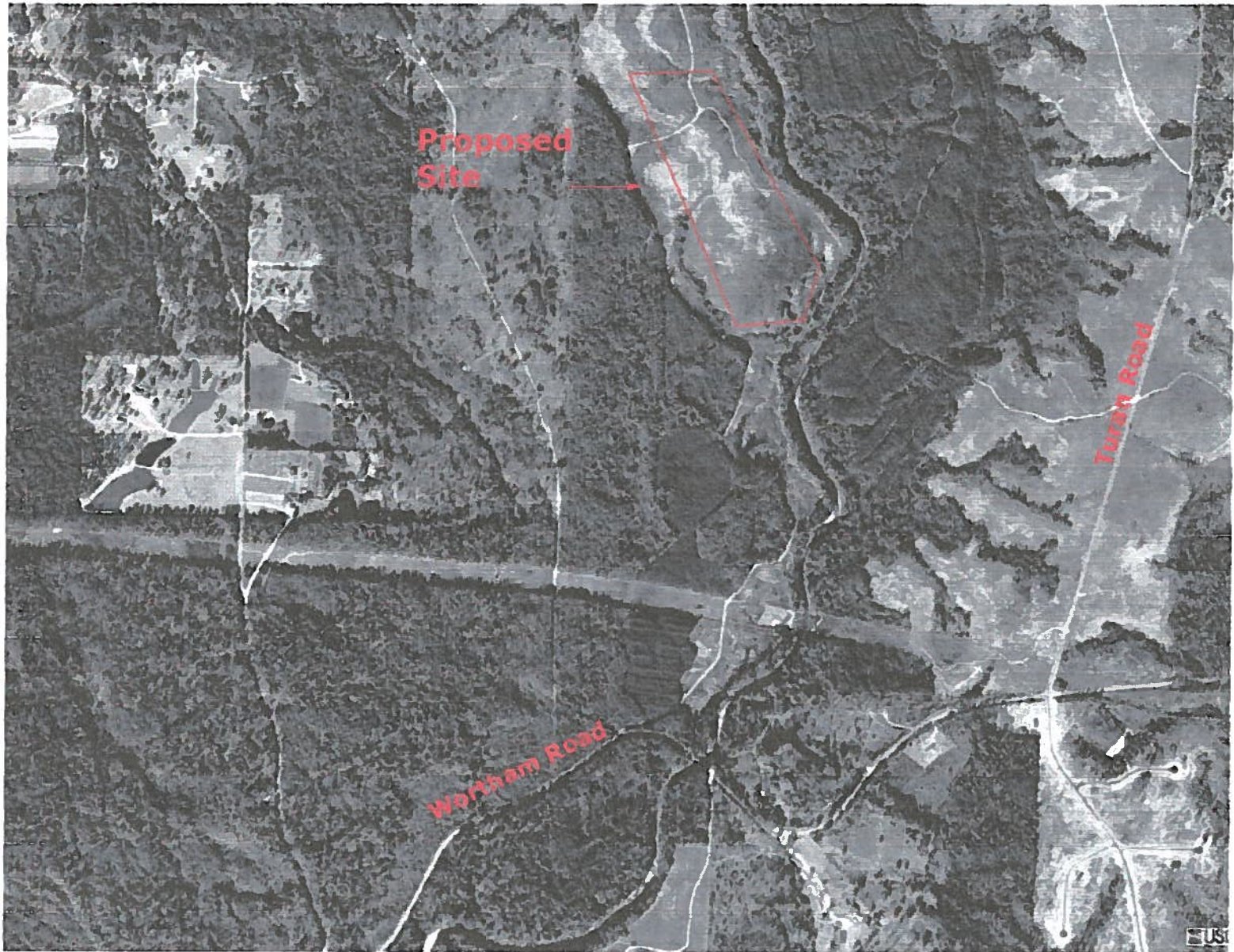
STORM WATER  
POLLUTION CONTROL  
PLAN







**Proposed Surface Mine  
Wortham Road Pit  
40 Acres**



**Success Quadrangle  
Section 28  
Township 5 South  
Range 11 West**

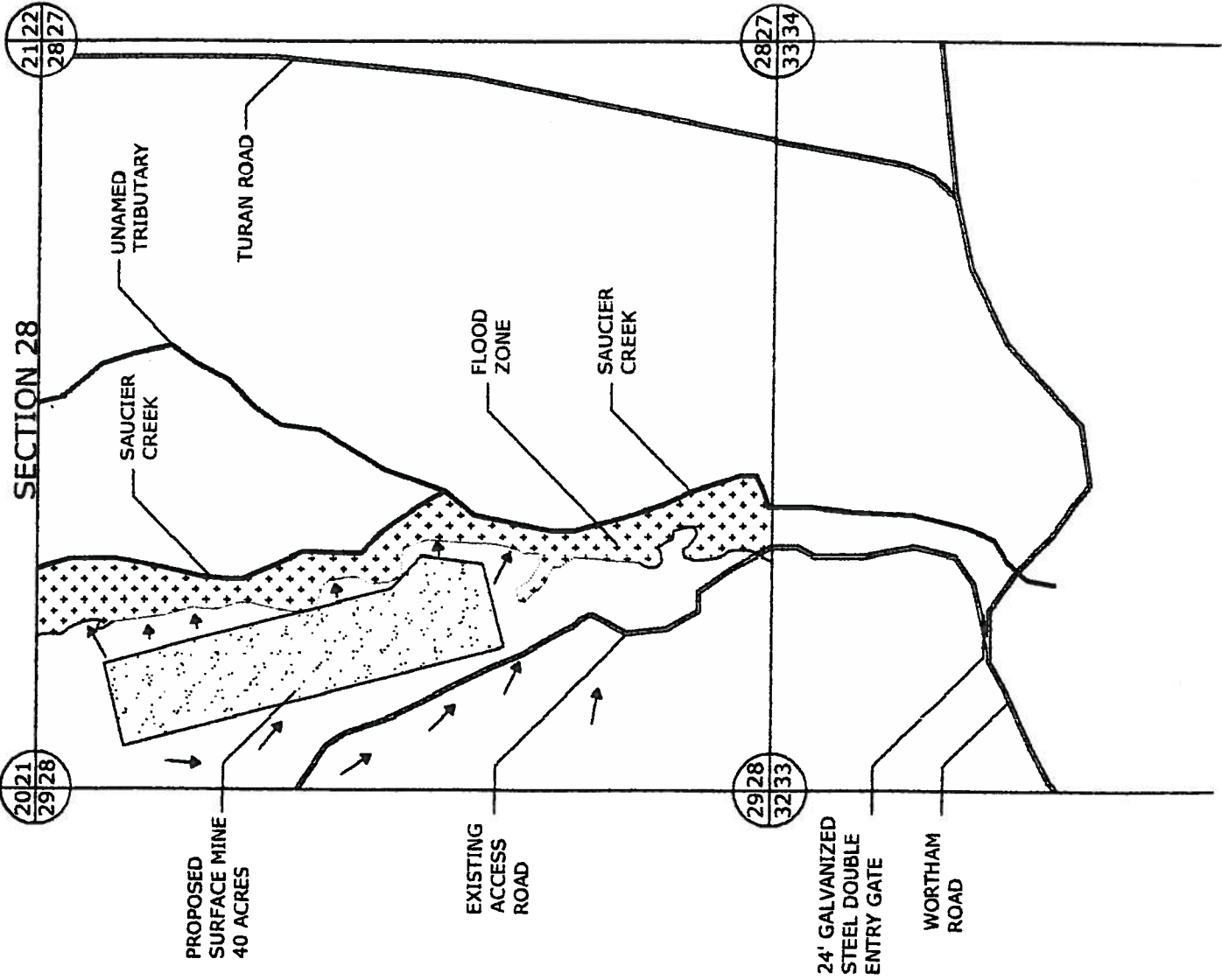


HARRISON COUNTY, MISSISSIPPI —



Success Quadrangle  
Section 28  
Township 5 South  
Range 11 West  
Harrison County, Mississippi





SECTION 28

**SITE PLAN**

**LEGEND & NOTES**

- PERMIT AREA:
- FLOOD ZONE:
- EXISTING SURFACE DRAINAGE:

**TOTAL PERMIT AREA**  
**40 ACRES**

SUCCESS QUADRANGLE  
 SECTION 28  
 TOWNSHIP 5 SOUTH  
 RANGE 11 WEST

No.	Project Number	Date
	2004-10-01	

**W. C. FORE, LLC.**  
 P. O. BOX 3058  
 GULFPORT, MS 39505  
 (228) 863-1314

**WORTHAM ROAD PIT**  
 WORTHAM ROAD  
 SAUCIER, MS 39574

<b>S-1</b>	
Prepared by <b>M. R. ROUSE</b>	Scale As Noted
Date <b>Oct. 20, 2004</b>	

General Notes

# PERMIT AREA

## LEGEND & NOTES

SLOPE:

1. Proposed Surface Drainage
2. Buffer Zone Surrounds Permit Area
3. Access Road To Be Surfaced With 6" Crushed Limestone
4. Maintain a Buffer Zone of 300' Between the Surface Mine & Saucier Creek
5. Berm Is Not To Scale. A 3' X 3' Berm will Be Utilized.

**TOTAL PERMIT AREA**  
**40 ACRES**

SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

No.	Building/Notes	Date
1	2004-10-01	

**W. C. FORE, LLC.**

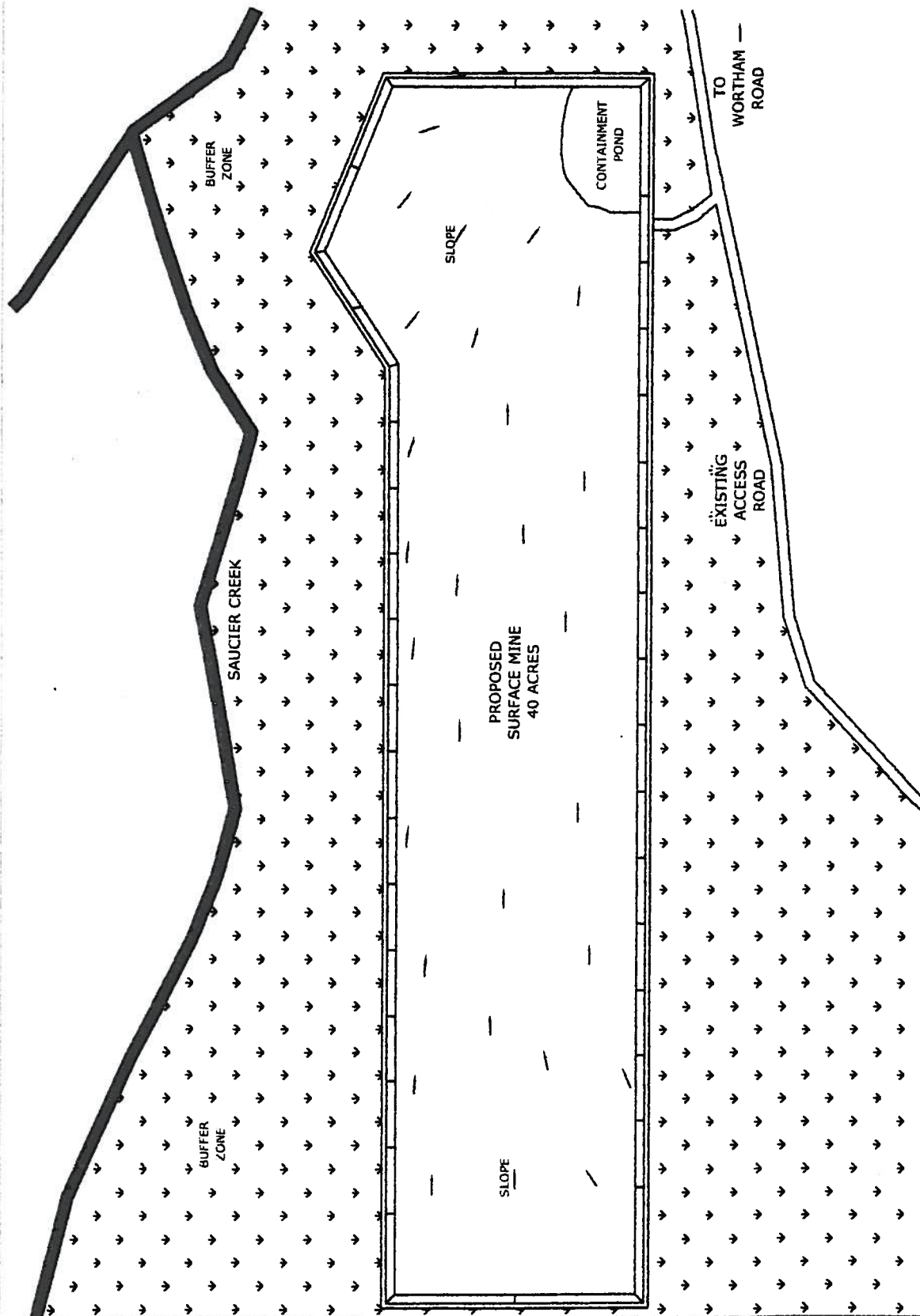
P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

**WORTHAM ROAD PIT**

WORTHAM ROAD  
SAUCIER, MS 39574

Prepared By	M. R. ROUSE
Date	Oct. 20, 2004
Scale	As Noted

**S-2**



# CROSS SECTION DETAILS

## LEGEND & NOTES

1. All Slopes To Be 3:1.
2. All Slopes To Be Seeded.
3. All Buffer Zones At Road To Be Maintained.
4. Establish Erosion Control On All Slopes & Tops Of Berm.

**TOTAL PERMIT  
AREA  
40 ACRES**

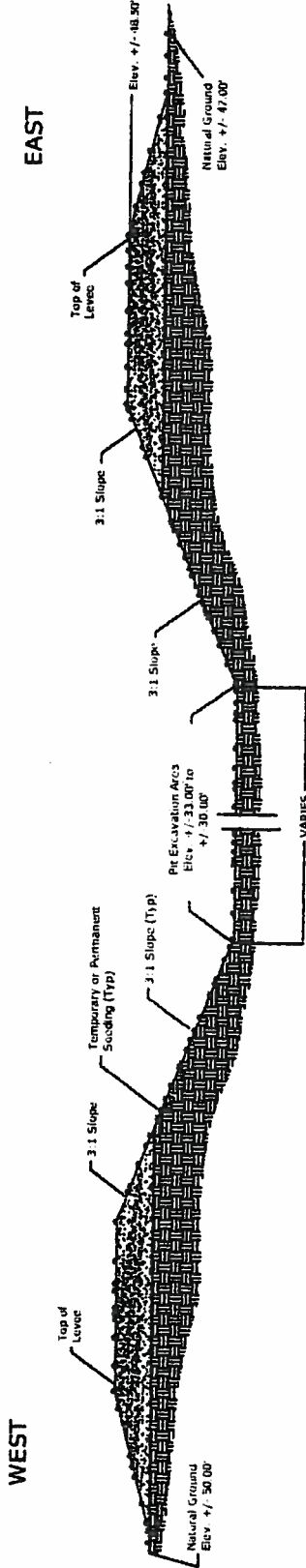
SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

No.	Project Number	Date
	2004-10-01	

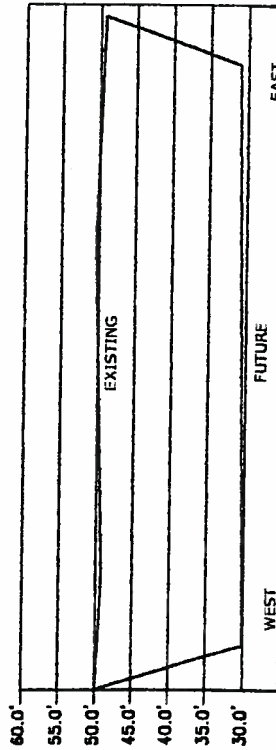
**W. C. FORE, LLC.**  
P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

**WORTHAM ROAD  
PIT**  
WORTHAM ROAD  
SAUCIER, MS 39574

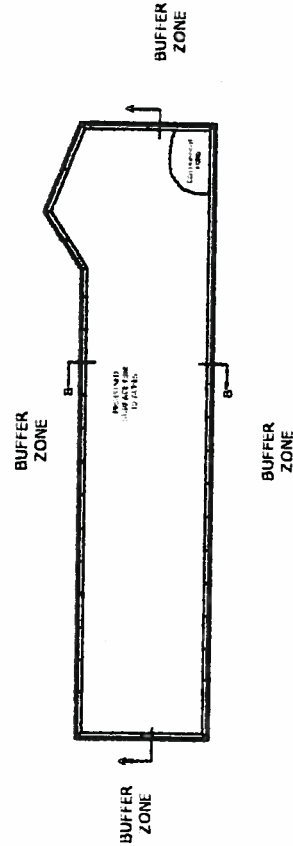
**M. R. ROUSE**  
Oct. 20, 2004  
Scale As Noted  
**D-1**



**TYPICAL MINING PIT BERM  
(NTS)**



**SECTION B-B**



**WORTHAM ROAD SURFACE MINING PIT**  
MINE PERMIT AREA 40.40  
ACCESS ROAD 2.75

**TOTAL IMPACT AREA 43.15 ACRES**



Standard Notes

# POST RECLAMATION

## LEGEND & NOTES

SLOPE:



1. Proposed Surface Drainage
2. Surface mine will have grass cover.
3. Berms will be pushed back into the surface mine. Topsoil will be spread throughout mine to begin grass cover.

**TOTAL PERMIT AREA**  
**40 ACRES**

SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

No.	Reclamation/Status	Date
2004-10-01		

See Notes and Attachments

**W. C. FORE, LLC.**

P. O. BOX 3058

GULFPORT, MS 39505

(228) 863-1314

**WORTHAM ROAD PIT**

WORTHAM ROAD

SAUCIER, MS 39574

Project No.

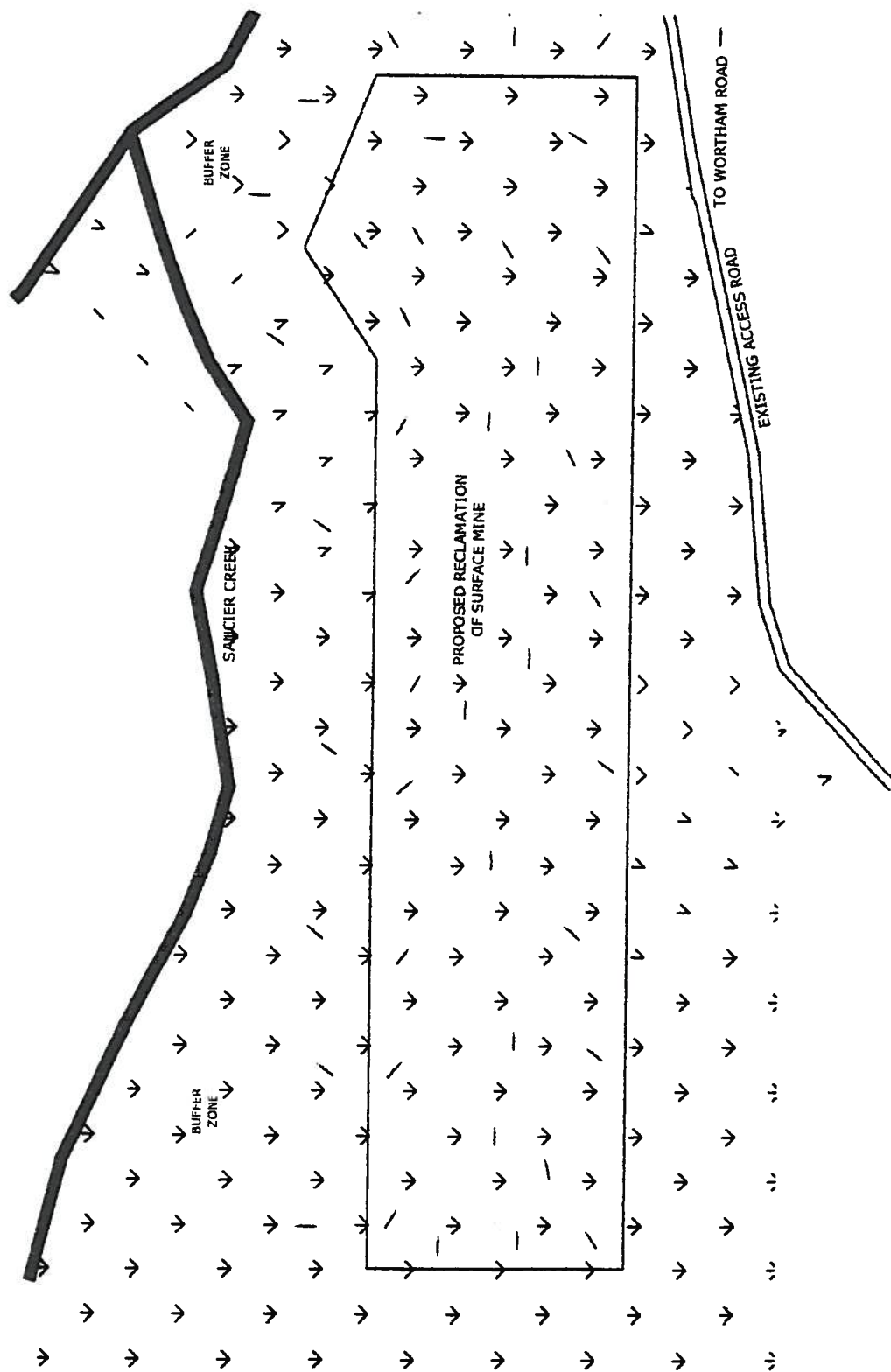
M. R. ROUSE

Date

Oct. 20, 2004

Scale As Noted

**D-2**



## SURFACE MINING PERMIT APPLICATION

A1543

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 20307  
Jackson, Mississippi 39289-1307  
(601) 961-5515  
Fax (601) 961-5521

For Office use only

City/County approval	
Required	Yes No
Received Date	
County	
City	

## A. GENERAL INFORMATION

1. Name of Applicant: **W. C. Fore, LLC**Mailing Address: **P. O. Box 3058**

E-mail Address:

Phone No. **(228) 863-1314**Fax No. **(228) 863-0013**Authorized Representative **W. C. Fore**

2. Engineering Firm, Consultant, etc.:

Mailing Address: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Phone No. \_\_\_\_\_

Fax No. \_\_\_\_\_

3. Name of Mine: **Wortham Road Pit**Mine Supervisor: **W. C. Fore**Phone No. **(228) 863-1314**Fax No. **(228) 863-0013**4. Location of Operation (to nearest quarter-quarter section): **SEE PAGE 5 FOR NEAREST ¼ - ¼ SECTION.**

<b>Success Quadrangle</b>	<b>28</b>	<b>5 South</b>	<b>11 West</b>	<b>Harrison</b>
	Section	Township	Range	County

5. Type of Application

☒ Initial Permit for Operation☐ Amendment to Expand Operation☐ Amendment to an Existing Operation  
(not involving acreage change)

6. Method of Operation

☒ Open Pit ☐ Strip ☐ DredgeWash Operation, if so  
Water Source

Wash System Type

☐ Closed system ☐ Open system

7. Number of Acres to be Permitted:

Excavation **40.4**Haul roads, plant site, ponds,  
storage piles, etc. **2.75**If this application is an amendment to  
expand an existing permit, number of  
additional acres to be permitted \_\_\_\_\_TOTAL PERMITTED AREA **43.15**  
acres

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? ☒d. within 25 feet of a property line ☒If YES to a, b, c, or d, 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**

**W. C. Fore Trucking, Inc.**

14270 Creosote Road

P. O. Box 3058

Gulfport, MS 39505

PHONE: (228) 863-1314

FAX: (228) 864-0013

E-MAIL: bgavin44@bellsouth.net

**Fax Transmittal**

DATE: December 1, 2004

TIME: 1:53 PM

TO: Ms. Charity Rockingham  
MDEQ  
Office of Pollution Control  
Environmental Permits Division

PHONE: (601) 961-5515

FAX: (601) 961-5521

FROM: Michael Rouse

RE: Wortham Road Sand Mine  
Township 5S, Range 11W, Section 28  
Harrison County, Mississippi

CC:

SUBJECT **Revise SWPPP Change to 43.15 Acres**

Pursuant to the telephone conversation dated December 1, 2004, you requested that I send a revised SWPPP to change the sand mine from 40 acres to 43.15 acres. Attached are those revised pages and they are as follows:

1. Page 1 – Title Page
2. Page 3 – Overview

If you have any questions at all, please do not hesitate to call our office.

Thanks

# **STORM WATER POLLUTION CONTROL PLAN**

## **Wortham Road Pit 43.15 Acres Section 82, Township 5S, Range 11W Harrison County, Mississippi**

### **Table of Contents**

	<b>Page</b>
<b>Overview</b>	
Introduction	3
Objective	4
<b>General Requirements</b>	
Implementation	4
Erosion and Sediment Controls	5
Structural Practices	6
Inspection Requirements	8
Maintenance	8
Post Construction	9
<b>Reporting</b>	9
<b>Noncompliance Reporting</b>	
Anticipated Noncompliance	9
Unanticipated Noncompliance	9
<b>Termination of Reporting and Permit Coverage</b>	10
<b>Pollution Prevention Plan Certification</b>	10
<b>Attachment 1</b>	
Storm Water Pollution Prevention Plan	11
Site Location Map	11
Reclamation Site Map	11

Storm Water Pollution Control Plan  
W. C. Fore, LLC.

Wortham Road Pit  
Harrison County, Mississippi

## OVERVIEW

### Introduction

This document is the Storm Water Pollution Prevention Plan (SWPPP) for property owner and operator, W. C. Fore, LLC, Post Office Box 3058, Gulfport, Mississippi 39505, for the surface mining pit known as "**Wortham Road Pit**", a 43.15-acre site located in Saucier, Harrison County, Mississippi.

The purpose of this application is to allow W. C. Fore, LLC, Gulfport, Mississippi, the property owner and operator, to mine sand for a current project at the Mississippi State Port in Gulfport, Mississippi.

The existing haul road shall be utilized for ingress and egress. This haul road shall be reconstructed to become a stabilized all weather construction entrance for ingress and egress of all construction traffic. The surface mine will be surrounded by a substantial buffer zone that is more or less 4000 feet from any public road. A buffer zone of 300 feet will be maintained to the East between the surface mine and Saucier Creek. The buffer zones shall remain in their natural vegetative state around the periphery of the site. Only those trees and vegetative growth will be removed that will impede the location and excavation processes of this surface mining pit. Storm water in the buffer zones will follow the existing natural watercourse. Disturbed areas caused by construction or mining activities shall be temporarily or permanently seeded as the circumstances direct. In the interim, sedimentation and erosion controls shall be put in place as needed. Flow of surface water into the mine will be controlled by the use of erosion control structures.

1. Clearing and excavation of the surface mining pit will be in a north to south direction. The removed topsoil shall be stockpiled and the overburden will be used to construct the perimeter berm of the mined area. The berm will be constructed and elevated above the existing natural ground. This raised levee will preclude storm water from entering the mined area from the surrounding property. A temporary sump basin shall be located in the



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF GEOLOGY  
Mining and Reclamation Division  
P. O. Box 20307  
Jackson, Mississippi 39289-1307  
(601) 961-5515  
P U B L I C     N O T I C E

Public Notice No. 1543  
Application No. A1543

Date: November 30, 2004

TO WHOM IT MAY CONCERN:

The office of Geology has received:

an Application for a Surface Mining Permit

pursuant to Section 7 of the Mississippi Surface Mining and Reclamation Act of 1977, as described below:

APPLICANT:     W. C. Fore, LLC.  
                  P. O. Box 3058  
                  Gulfport, MS 39505

LOCATION:        S 1/2 of NW 1/4 and N 1/2 of SW 1/4 Section 28, Township  
                  5 South, Range 11 West, Harrison County, Mississippi

DESCRIPTION:   Operator proposes to open pit mine 43.15 acres to a depth  
                  of 20 feet for sand. Sediment and erosion will be  
                  controlled by settling ponds. Reclamation will consist  
                  of 3 to 1 grass slopes.

This public notice is being distributed to interested persons and agencies to assist in developing facts on which a decision by the Office of Geology can be based. You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter. All agencies and persons shall have until December 15, 2004, to submit comments, recommendations, or evaluations to the Office of Geology. Comments by an agency shall include an enumeration of permits or licenses required under the agency's jurisdiction.

If further information is needed, an agency may be furnished a copy of the notice of intent or permit application. Any person may receive a copy of the notice of intent or permit application upon payment of the ten-dollar (\$10.00) fee established in Rule 104 of the Rules and Regulations.

In the event comments are not received by December 15, 2004, the Office of Geology will consider that the agency has no comments, recommendations and/or evaluations that the agency deems necessary and proper based upon the effect of the proposed operation on matters within the agency's jurisdiction.

## SURFACE MINING PERMIT APPLICATION

A1543

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

Other permits required	Y	N	Date
NIDES			
State Operating Permit			
Corps of Engineers			

P. O. Box 20307  
Jackson, Mississippi 39289-1307  
(601) 961-5515  
Fax (601) 961-5521

For Office use only

City/County approval	
Required	Yes No
Received Date	
County	
City	

## A. GENERAL INFORMATION

1. Name of Applicant: W. C. Fore, LLCMailing Address: P. O. Box 3058

Gulfport, MS, 39505

E-mail Address:

Phone No. (228) 863-1314Fax No. (228) 863-0013Authorized Representative W. C. Fore

2. Engineering Firm, Consultant, etc.:

Mailing Address: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Phone No. \_\_\_\_\_

Fax No. \_\_\_\_\_

3. Name of Mine: Wortham Road PitMine Supervisor: W. C. ForePhone No. (228) 863-1314Fax No. (228) 863-00134. Location of Operation (to nearest quarter-quarter section): SEE PAGE 5 FOR NEAREST 1/4 - 1/4 SECTION.

Success Quadrangle S/2 NW/4 + N/2 SW/4 28 5 South 11 West Harrison  
Section Township Range County

5. Type of Application

☒ Initial Permit for Operation☐ Amendment to Expand Operation☐ Amendment to an Existing Operation  
(not involving acreage change)

6. Method of Operation

☒ Open Pit ☐ Strip ☐ DredgeWash Operation, if so  
Water SourceWash System Type  
☐ Closed system ☐ Open system

7. Number of Acres to be Permitted:

Excavation 40.4Haul roads, plant site, ponds,  
storage piles, etc. 2.75If this application is an amendment to  
expand an existing permit, number of  
additional acres to be permitted \_\_\_\_\_TOTAL PERMITTED AREA 43.15  
acres

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? ☐ ☒  
d. within 25 feet of a property line ☐ ☒

IF YES to a, b, c, or d, 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

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 0.50 ft  
(Topsoil **MUST** be stockpiled  
for use during reclamation)

Thickness of useable material 15-20 ft

Total depth of excavation 20 ft

Estimated annual production 100,000 tons

3. Depth to ground water: 0.50 ft

4. How will dust be controlled?

☒ Water on haul roads

2. Anticipated Schedule (month/year)

Begin clearing 10 / 2004

Begin mining 11 / 2004

Complete mining 12 / 2010

Begin reclamation 12 / 2008

Complete reclamation 12 / 2010

5. Types of erosion control structures that will be utilized.

☒ Settling ponds ☐ Drainage ditches

☐ Diversion berms ☐ Terraced slopes

6. Describe the land to be affected by mining as it presently exists:

a. Land use Surface Mine Operation

b. Predominant vegetation Grass & Scrub Pines

7. Will explosives be used? ☐ Yes ☒ No

8. Is test-boring data available? ☐ Yes ☒ No

9. Are toxic materials likely to be encountered at any time? ☐ Yes ☒ No

10. Will there be any discharge to local streams or other bodies of water? ☐ Yes ☒ 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:

☒ Topsoil segregated ☐ Mixed strata

2. Describe the protection method for the stockpiled topsoil.

☐ berm around the storage pile

☒ grass cover on the pile (recommended)

☐ stored under a cover

3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)

☐ slopes will be terraced

☒ sloped to a gradient of 3 to 1

☐ blended with surrounding contours

☒ No Highwalls

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 tons per acre

fertilizer: 13 - 13 - 13 (type)

400 pounds per acre

b. For successive years prior to 100% release

fertilizer: 13 - 13 - 13 (type)

200 pounds per acre

when: April (month)

8. Describe the planting schedule:

Tree or Seed Species	Tree spacing or lbs./acre	Planting Season
<u>Bahia</u>	<u>30</u>	<u>April</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 \_\_\_\_\_

approximate month(s) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

☒ 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: \$1000.00 (minimum of \$500 per acre)

**D. NAMES AND ADDRESSES OF PERSONS AFFECTED BY THIS OPERATION**

**1. Landowner(s) of area to be mined/leased**

Name: W. C. Fore, LLC.

Name: \_\_\_\_\_

Address: P. O. Box 3058

Address: \_\_\_\_\_

Gulfport, MS 39505

Phone: (228) 863-13114

Phone: \_\_\_\_\_

27

**2. Landowner(s) within 500 feet of the area**

Name: None

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

**3. Person(s) living on permit area**

Name: None

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

I declare that I have knowledge of the facts presented in the preceding pages and in all of the items attached to this application; furthermore, I certify that they are true to the best of my knowledge.

September 30, 2004

Date

W. C. Fore

Signature

W. C. Fore

Printed Name

President

Title



### E. ADDITIONAL COMMENTS

Item Number	Space for detailed answers to any of the previous items      Indicate item number to which the answers apply.		
A. 10	Permit P87-027	28 Acres	Harrison County
A. 10	Permit P93-048	29 Acres	Hancock County
A. 10	Permit P87-045	35 Acres	Jackson County
A. 10	Permit P88-027	38 Acres	Harrison County
A. 10	Permit P92-024	22 Acres	Hancock County
A. 10	Permit P02-027	40 Acres	Hancock County
A. 4	<p>Success Quadrangle   Section 28   Township 5 South   Range 11 West</p> <p>Southwest corner of the surface mine is located in the NW ¼ of SW ¼</p> <p>Southeast corner of the surface mine is located in the NE ¼ of SW ¼</p> <p>North corners of the surface mine is located in the NW ¼ of NW ¼</p>		

If more space is required, use full sheets of paper the same size as this page. Attach all sheets to this application.

## **F. ADDITIONAL REQUIREMENTS**

The following described fee, documents and information, as required by the Mississippi Surface Mining and Reclamation

Act, must be submitted to the Office of Geology before the application can be processed.

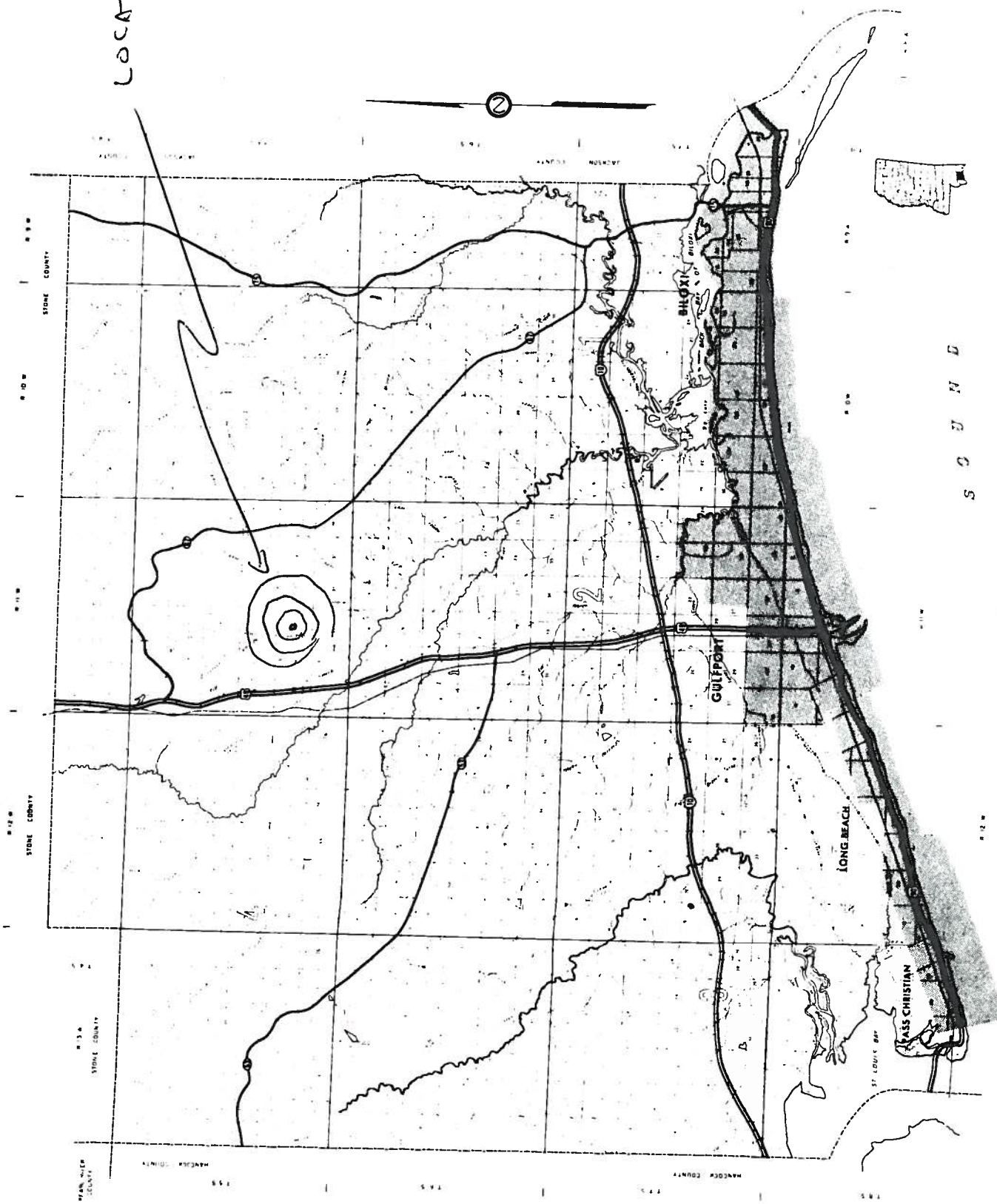
1. **APPLICATION FEE:** \$100 plus \$10 per acre. Maximum fee is \$500.
2. **CERTIFICATE OF INSURANCE:** Must indicate that the applicant has sufficient liability insurance in an amount not less than \$100,000/300,000 for Bodily Injury and \$100,000 for Property Damage.
3. **PERFORMANCE BOND:** Must be at least \$500/acre and not more than \$2500/acre and is based on the applicant's estimate of the reclamation cost. The "TOTAL PERMITTED AREA" in A-7, page 1, is the number of acres to be bonded. A Certificate of Deposit may be substituted.
4. **PROOF OF THE APPLICANT'S LEGAL RIGHT TO MINE:** A lease, deed, or agreement that includes a legal description of the permit area. This includes city or county approval, if applicable. This must be notarized.
5. **COMPLETED ORGANIZATION REPORT FORM MRD-1.**
6. **MAPS, AERIAL PHOTOGRAPHS, OR DRAWINGS of the mine area:**
  - A. On a USGS Topographic Map (8 ½" x 11" photocopy of applicable portion of topographic map):

Name of Topographic Map Success Quadrangle, Harrison County

    1. Locate water wells within 0.5 mile of the permit area.
    2. Outline boundaries of both the permit area and the entire mine area (if different).
    3. Draw access to the nearest public road from the mine.
    4. Illustrate how surface drainage will be conducted or changed.
  - B. Additional Drawings or Maps

General site plan showing location of excavations, spoil piles, settling ponds, plant, etc. (8 ½" x 11")

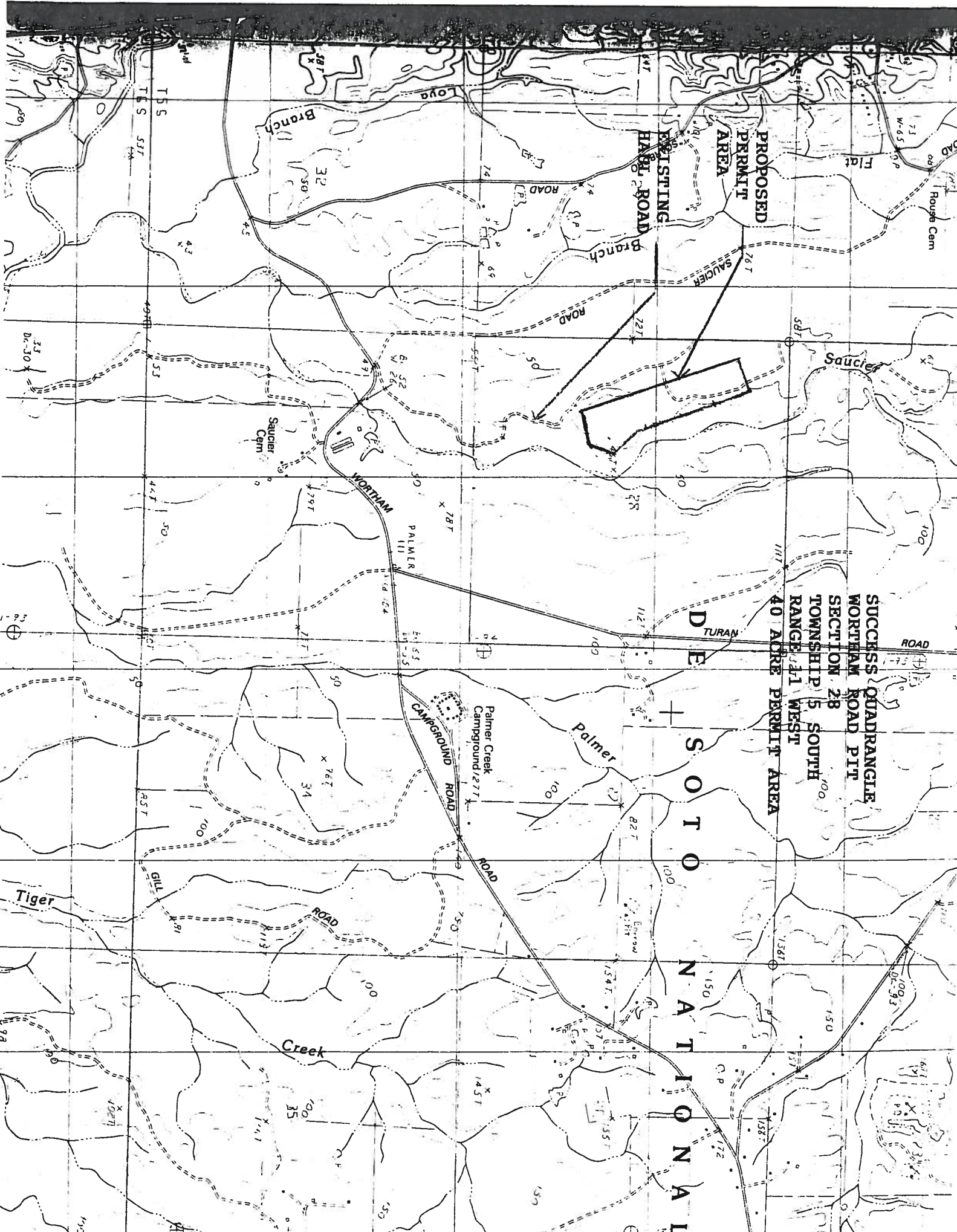
LOCATION



SCALE

HARRISON COUNTY  
MISSISSIPPI

MISSISSIPPI

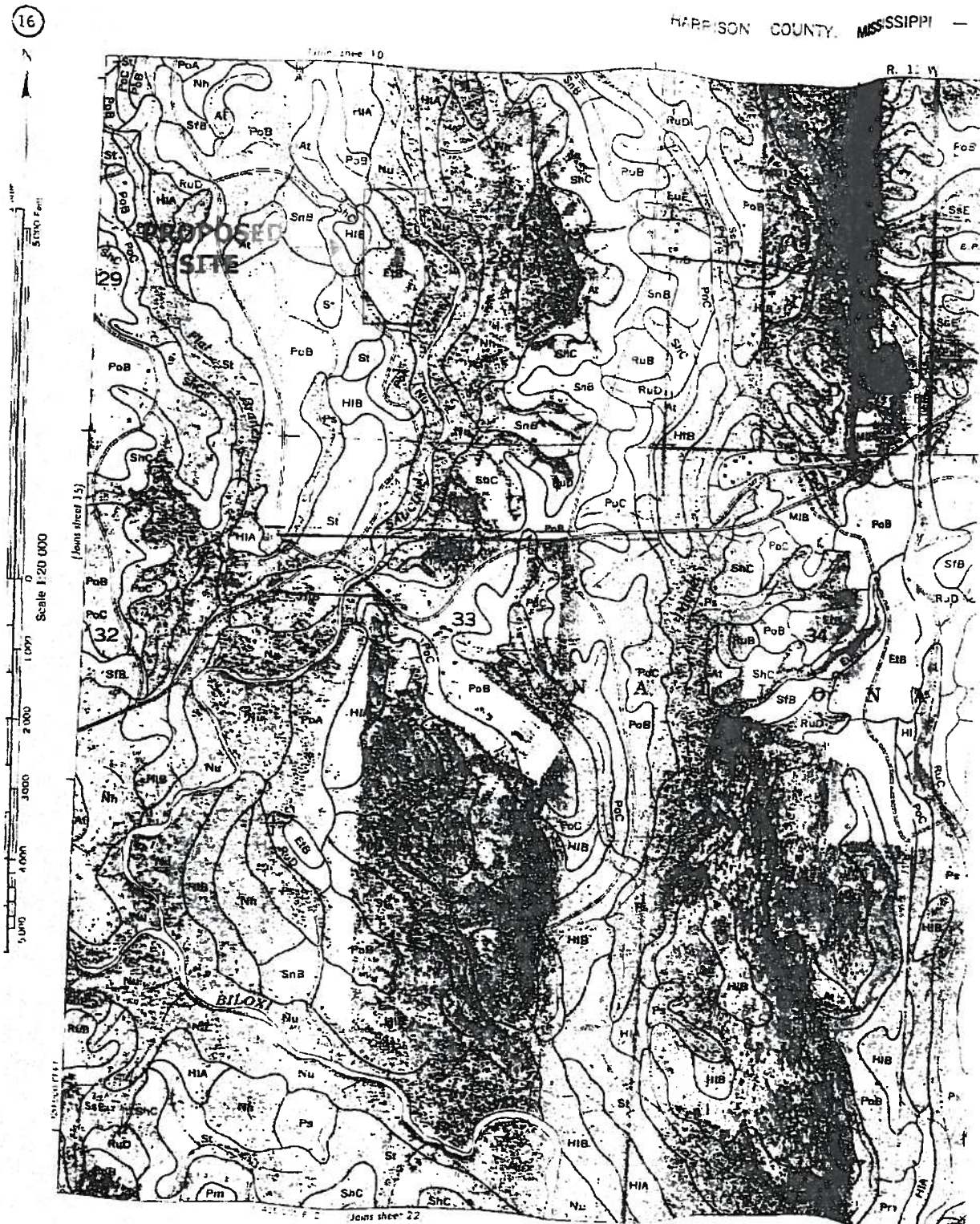


SUCCESS QUADRANGLE  
NORTHAM ROAD PIT  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST  
40 ACRE PERMIT AREA

SOTO NATIONAL



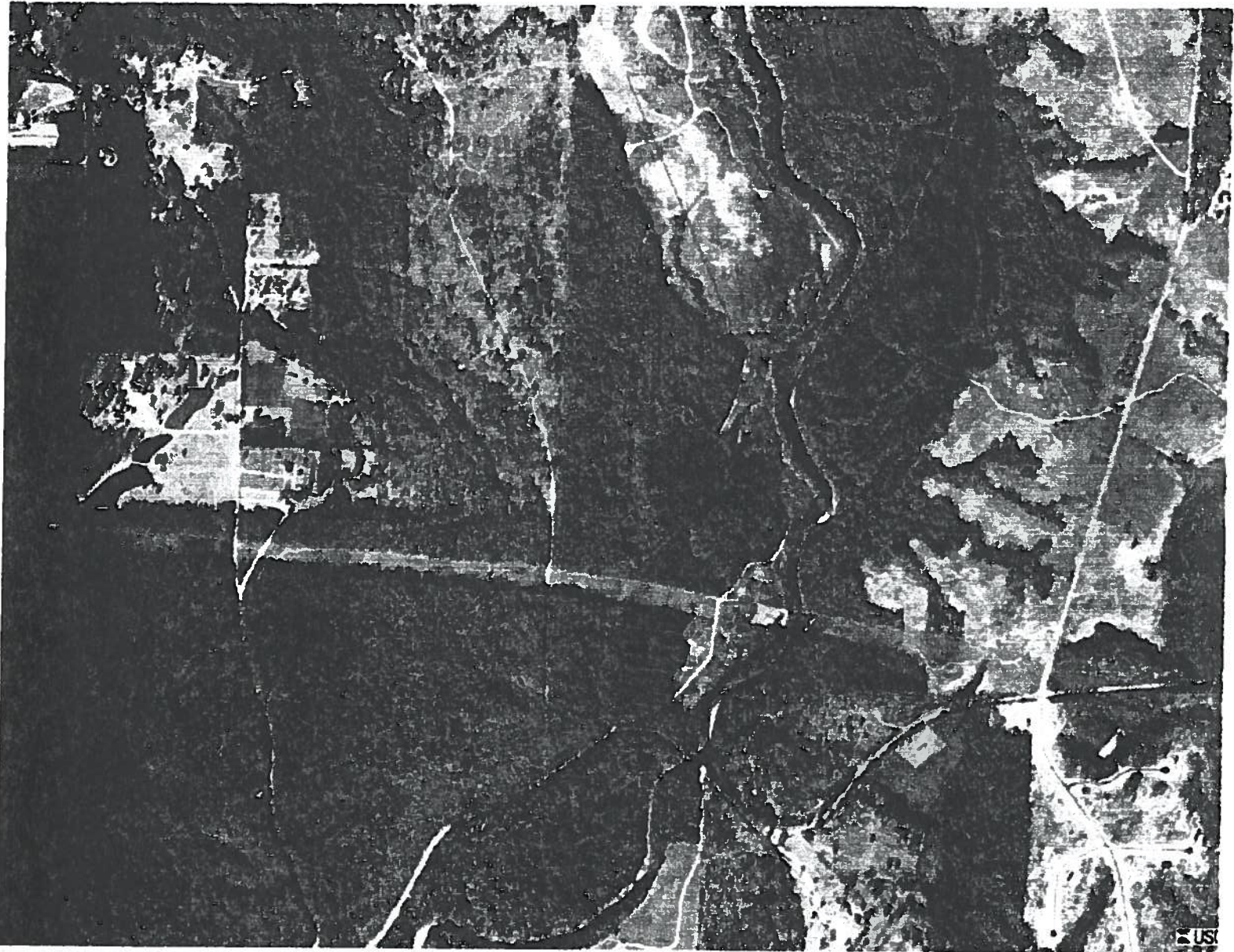
HARRISON COUNTY, MISSISSIPPI —



Success Quadrangle  
Section 28  
Township 5 South  
Range 11 West  
Harrison County, Mississippi



Proposed Surface Mine  
Wortham Road Pit  
40 Acres



Success Quadrangle  
Section 28  
Township 5 South  
Range 11 West

General Notes

# SITE PLAN

## LEGEND & NOTES

PERMIT AREA:

FLOOD ZONE:

EXISTING SURFACE DRAINAGE:

TOTAL PERMIT AREA  
40 ACRES

SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

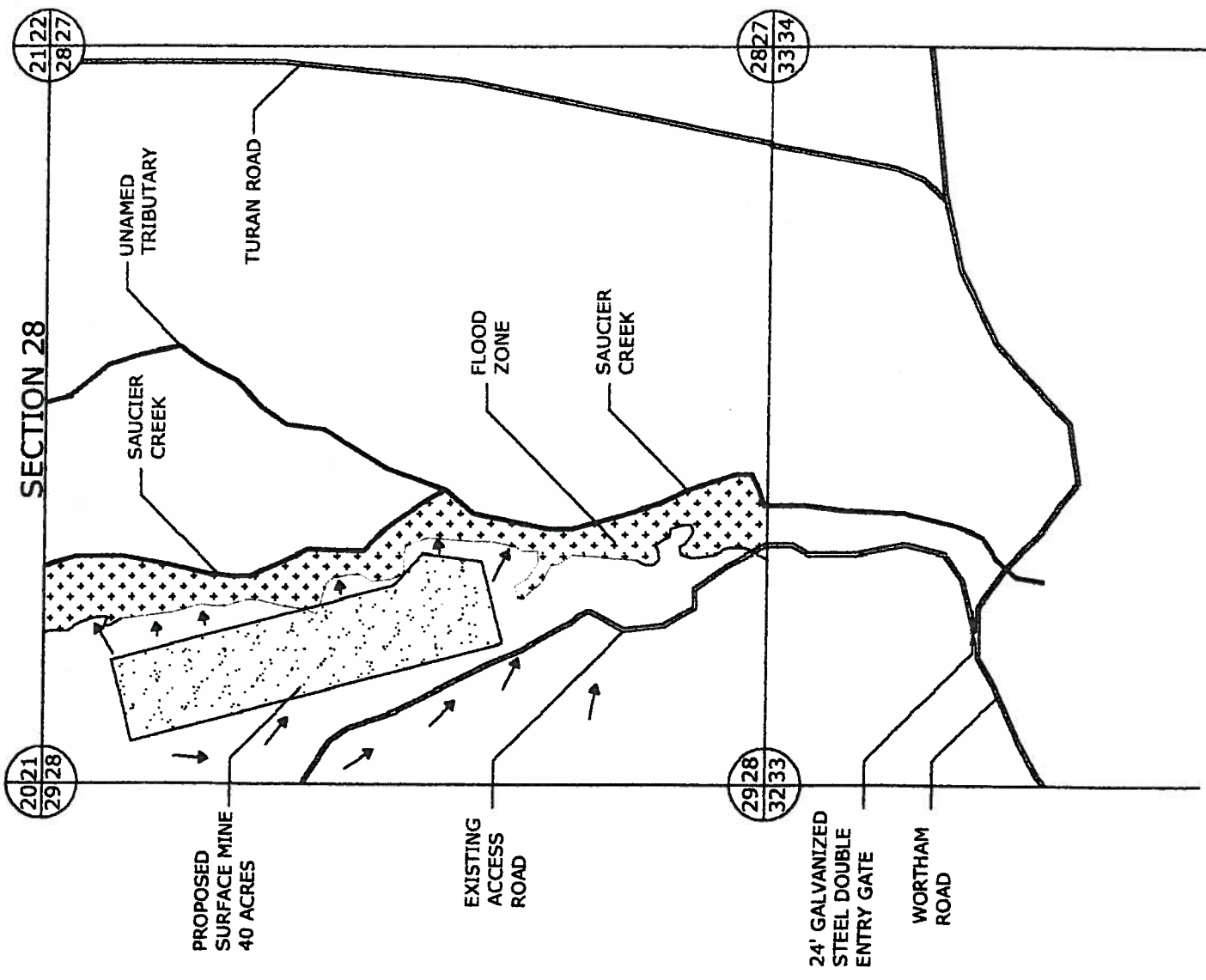
No.	Project Number	Date
	2004-10-01	

W. C. FORE, LLC.  
P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

WORTHAM ROAD  
PIT  
WORTHAM ROAD  
SAUCIER, MS 39574

M. R. ROUSE  
Oct. 20, 2004  
Scale As Noted

S-1



General Notes

# PERMIT AREA

## LEGEND & NOTES

SLOPE:



1. Proposed Surface Drainage
2. Buffer Zone Surrounds
3. Permit Area
4. Access Road To Be Surfaced With 6" Crushed Limestone
5. Maintain a Buffer Zone of 300' Between the Surface Mine & Saucier Creek
6. Berm Is Not To Scale. A 3' X 3' Berm will Be Utilized.

## TOTAL PERMIT AREA

40 ACRES

SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

No.	2004-10-01	Revisions/Notes	Date

## W. C. FORE, LLC.

P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

## WORTHAM ROAD PIT

WORTHAM ROAD  
SAUCIER, MS 39574

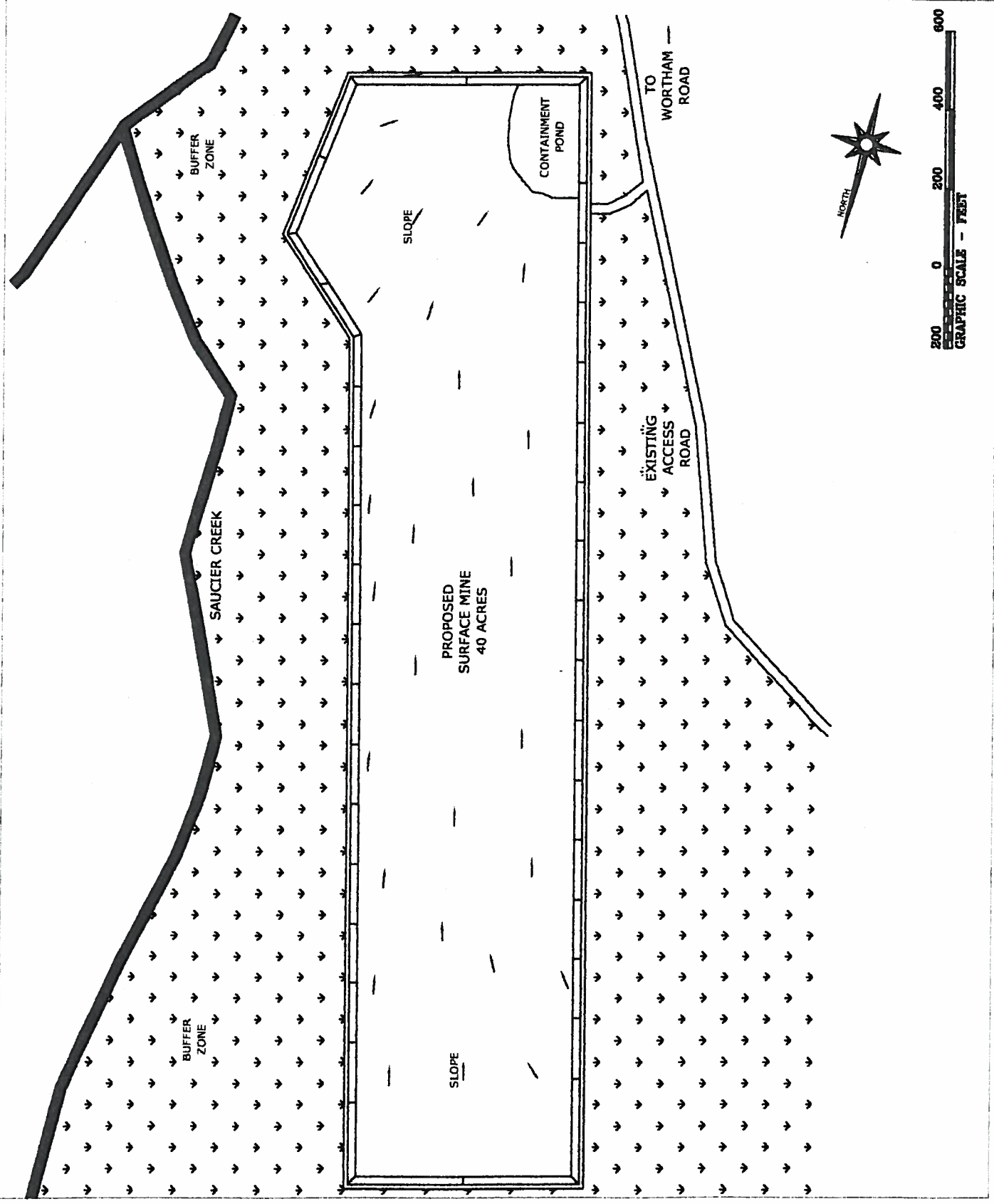
Sheet No.

M. R. ROUSE

Oct. 20, 2004

Scale As Noted

S-2





# CROSS SECTION DETAILS

## LEGEND & NOTES

1. All Slopes To Be 3:1.
2. All Slopes To Be Seeded.
3. All Buffer Zones At Road To Be Maintained.
4. Establish Erosion Control On All Slopes & Tops Of Berm.

**TOTAL PERMIT AREA**  
40 ACRES

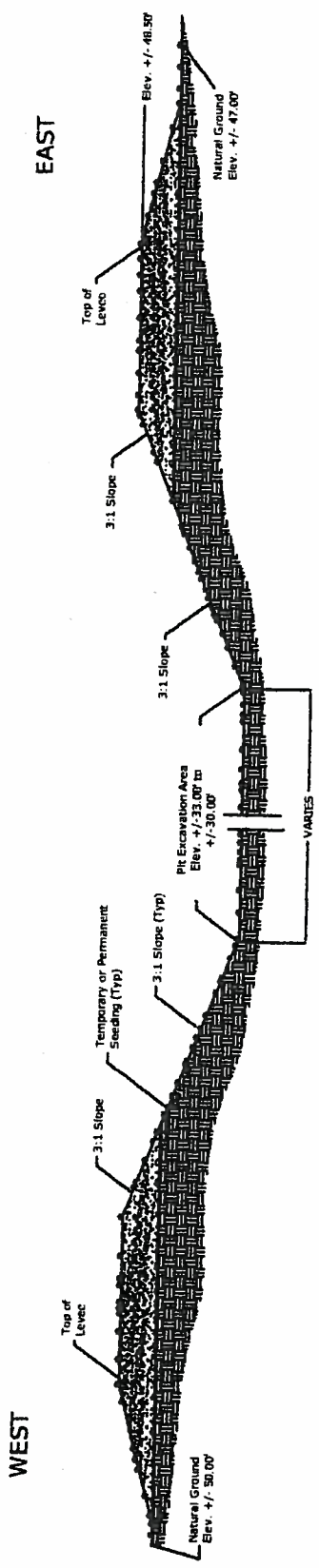
SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

No.	Project Number	Date
1	2004-10-01	

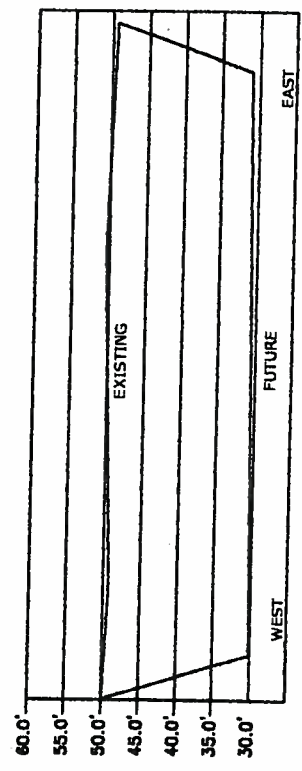
**W. C. FORE, LLC.**  
P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

**WORTHAM ROAD PIT**  
WORTHAM ROAD  
SAUCIER, MS 39574

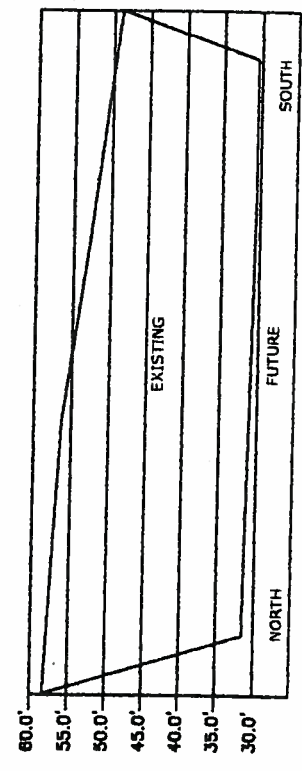
<div> <div>M. P. ROUSE</div> <div>Oct. 20, 2004</div> <div>Scale As Noted</div> </div>	<div>D-1</div>	



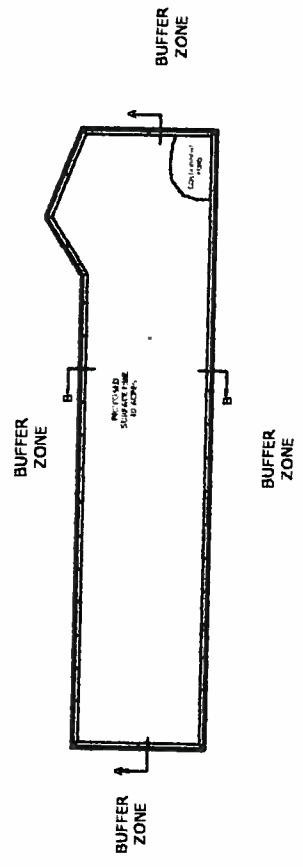
TYPICAL MINING PIT BERM  
(NTS)



SECTION B-B



SECTION A-A



WORTHAM ROAD SURFACE MINING PIT  
MINE PERMIT AREA 40.40  
ACCESS ROAD 2.75

TOTAL IMPACT AREA 43.15 ACRES

General Notes

# POST RECLAMATION

## LEGEND & NOTES

SLOPE:



1. Proposed Surface Drainage
2. Surface mine will have grass cover.
3. Berms will be pushed back into the surface mine. Topsoil will be spread throughout mine to begin grass cover.

TOTAL PERMIT  
AREA  
40 ACRES

SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

No.	Quantity/Notes	Date
	2004-10-01	

Permit No. and Address

W. C. FORE, LLC.

P. O. BOX 3058

GULFPORT, MS 39505

(228) 863-1314

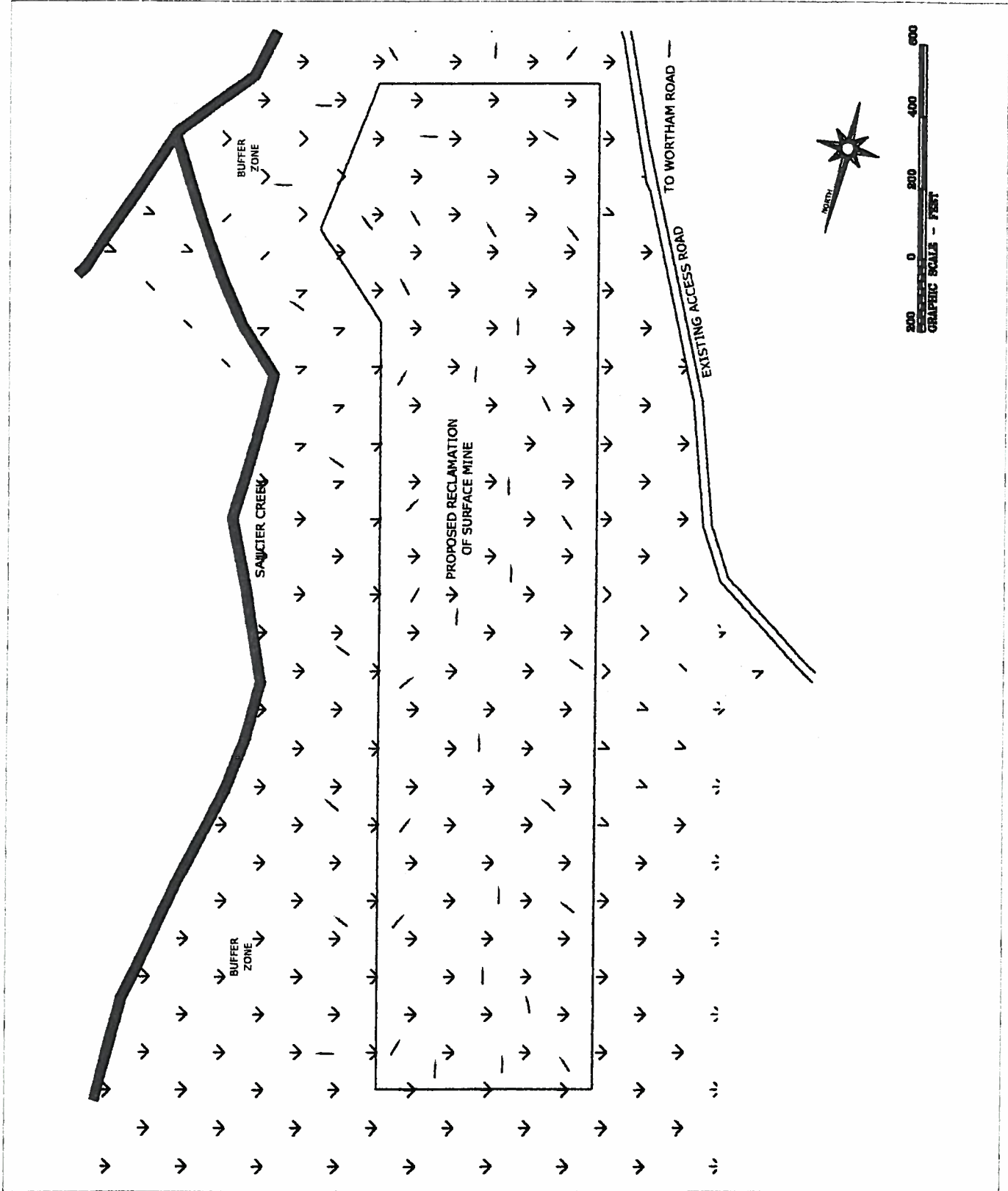
WORTHAM ROAD  
PIT

WORTHAM ROAD

SAUCIER, MS 39574

Drawn By	M. R. ROUSE
Date	Oct. 20, 2004
Scale	As Noted

D-2





Monroe

R<sub>s</sub>F

V<sub>d</sub>D<sub>3</sub>

~~et B~~

~~CuG<sub>3</sub>~~

V<sub>a</sub>B

V<sub>d</sub>B<sub>2</sub>

Harrison

~~POB~~

~~EtB~~

~~HIB~~

\* ShC

\* Nu

\* HIA

\* At

Project will not impact any  
of the rails listed.



**(Joins sheet 10)**



415 000 FEET

(Joins sheet 22)



Permit No.

STATE OF MISSISSIPPI

Application No.

## SURFACE MINING PERMIT APPLICATION

A1543

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

Other permits required	Y N	Date
NPDES		
State Operating Permit		
Cons of Engineers		

P. O. Box 20307  
Jackson, Mississippi 39289-1307  
(601) 961-5515  
Fax (601) 961-5521

For Office use only

City/County approval	
Required Yes No	
Received Date	
County	
City	

## A. GENERAL INFORMATION

1. Name of Applicant: W. C. Fore, LLCMailing Address: P. O. Box 3058

E-mail Address:

Phone No. (228) 863-1314Fax No. (228) 863-0013Authorized Representative W. C. Fore

2. Engineering Firm, Consultant, etc.:

Mailing Address: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Phone No. \_\_\_\_\_

Fax No. \_\_\_\_\_

3. Name of Mine: Wortham Road PitMine Supervisor: W. C. ForePhone No. (228) 863-1314Fax No. (228) 863-00134. Location of Operation (to nearest quarter-quarter section): SEE PAGE 5 FOR NEAREST 1/4 - 1/4 SECTION.Success Quadrangle

<u>28</u>	<u>5 South</u>	<u>11 West</u>	<u>Harrison</u>
Section	Township	Range	County

5. Type of Application

6. Method of Operation

☒ Initial Permit for Operation☒ Open Pit ☐ Strip ☐ Dredge☐ Amendment to Expand OperationWash Operation, if so  
Water Source☐ Amendment to an Existing Operation  
(not involving acreage change)Wash System Type  
☐ Closed system ☐ Open system

7. Number of Acres to be Permitted:

8. Is the Permit Area located: Yes No

Excavation 40.4a. within 100 feet of a public road? ☐ XXb. within 100 feet of a cemetery? ☐ XXc. within 300 feet of an occupied building? ☐ XXd. within 25 feet of a property line ☐ XXHaul roads, plant site, ponds,  
storage piles, etc. 2.75

If YES to a, b, c, or d, 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.

If this application is an amendment to  
expand an existing permit, number of  
additional acres to be permitted \_\_\_\_\_TOTAL PERMITTED AREA 43.15  
acres9. Materials to be Mined: Sand



Wortham Road Pit  
Soil Survey

Wortham Road Pit  
Harrison County, Mississippi

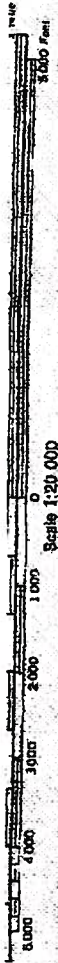
RECEIVED

27 2024

HARRISON COUNTY MISSISSIPPI

16

N



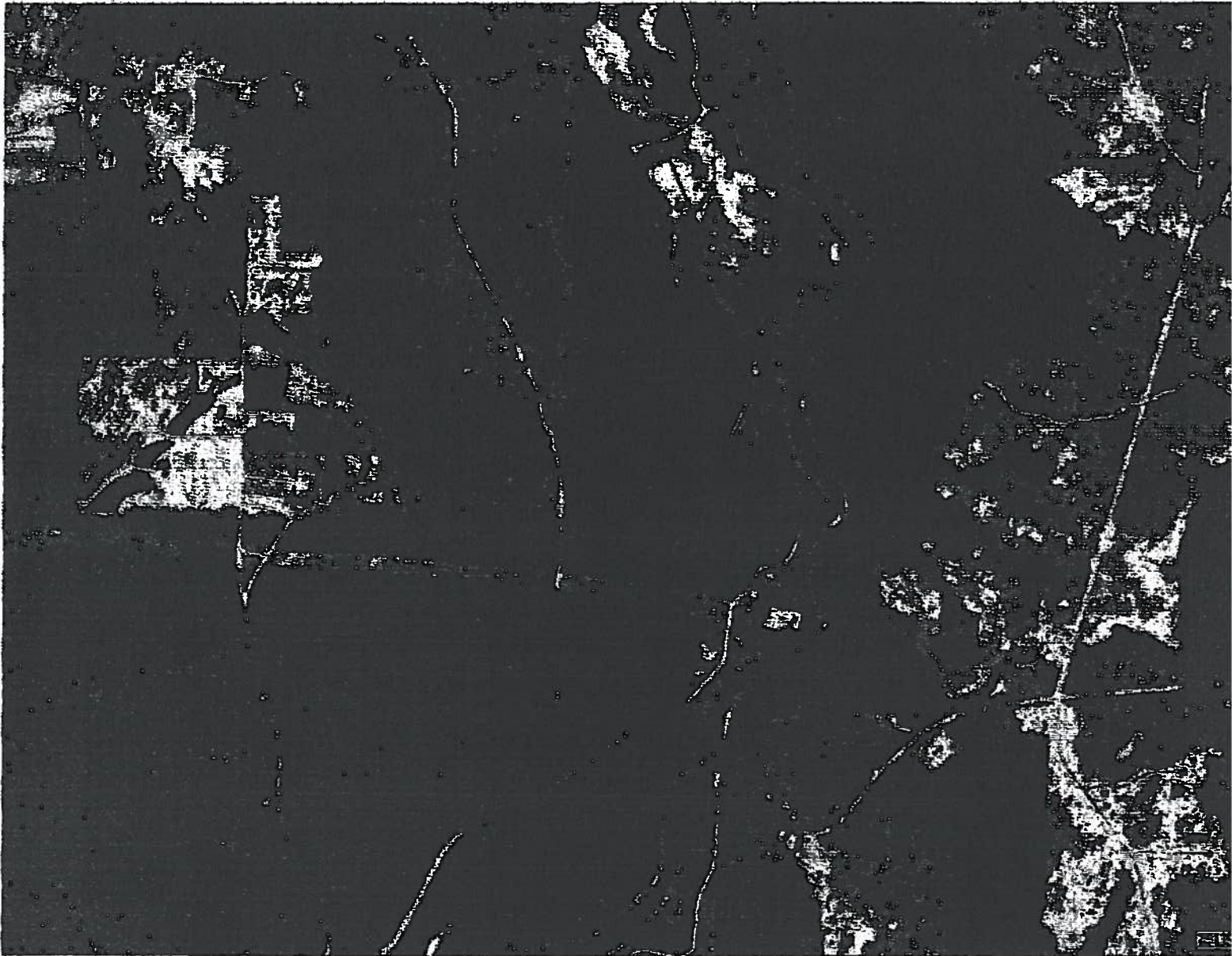
Success Quadrangle  
Section 28  
Township 5 South  
Range 11 West  
Harrison County, Mississippi



**Proposed Surface Mine  
Wortham Road Pit  
40 Acres**

RECEIVED

11 27 01



**Success Quadrangle  
Section 28  
Township 5 South  
Range 11 West**



General Notes

# SITE PLAN

## LEGEND & NOTES

PERMIT AREA:



FLOOD ZONE:



EXISTING SURFACE DRAINAGE:



TOTAL PERMIT AREA  
40 ACRES

SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

No.	Project Number	Date
	2004-10-01	

W. C. FORE, LLC.  
P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

WORTHAM ROAD  
PIT  
WORTHAM ROAD  
SAUCIER, MS 39574

Drawn By	M. R. ROUSE	Scale	As Noted
Date	Oct. 20, 2004		

S-1

2122  
2827

2827  
3334

SECTION 28

2021  
2928

2928  
3233

UNAMED TRIBUTARY

TURAN ROAD

SAUCIER CREEK

FLOOD ZONE

SAUCIER CREEK

PROPOSED SURFACE MINE  
40 ACRES

EXISTING ACCESS ROAD

24' GALVANIZED STEEL DOUBLE ENTRY GATE

WORTHAM ROAD

RECEIVED  
OCT 27 2004



General Notes

# PERMIT AREA

## LEGEND & NOTES

SLOPE:

1. Proposed Surface Drainage
2. Buffer Zone Surrounds Permit Area
3. Access Road To Be Surfaced With 6" Crushed Limestone
4. Maintain a Buffer Zone of 300' Between the Surface Mine & Saucier Creek
5. Berm Is Not To Scale. A 3' X 3' Berm will Be Utilized.

**TOTAL PERMIT AREA**  
**40 ACRES**

SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

DATE	2004-10-01
REVISION/REASON	
NO.	

**W. C. FORE, LLC.**

P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

**WORTHAM ROAD PIT**

WORTHAM ROAD  
SAUCIER, MS 39574

**S-2**

DATE

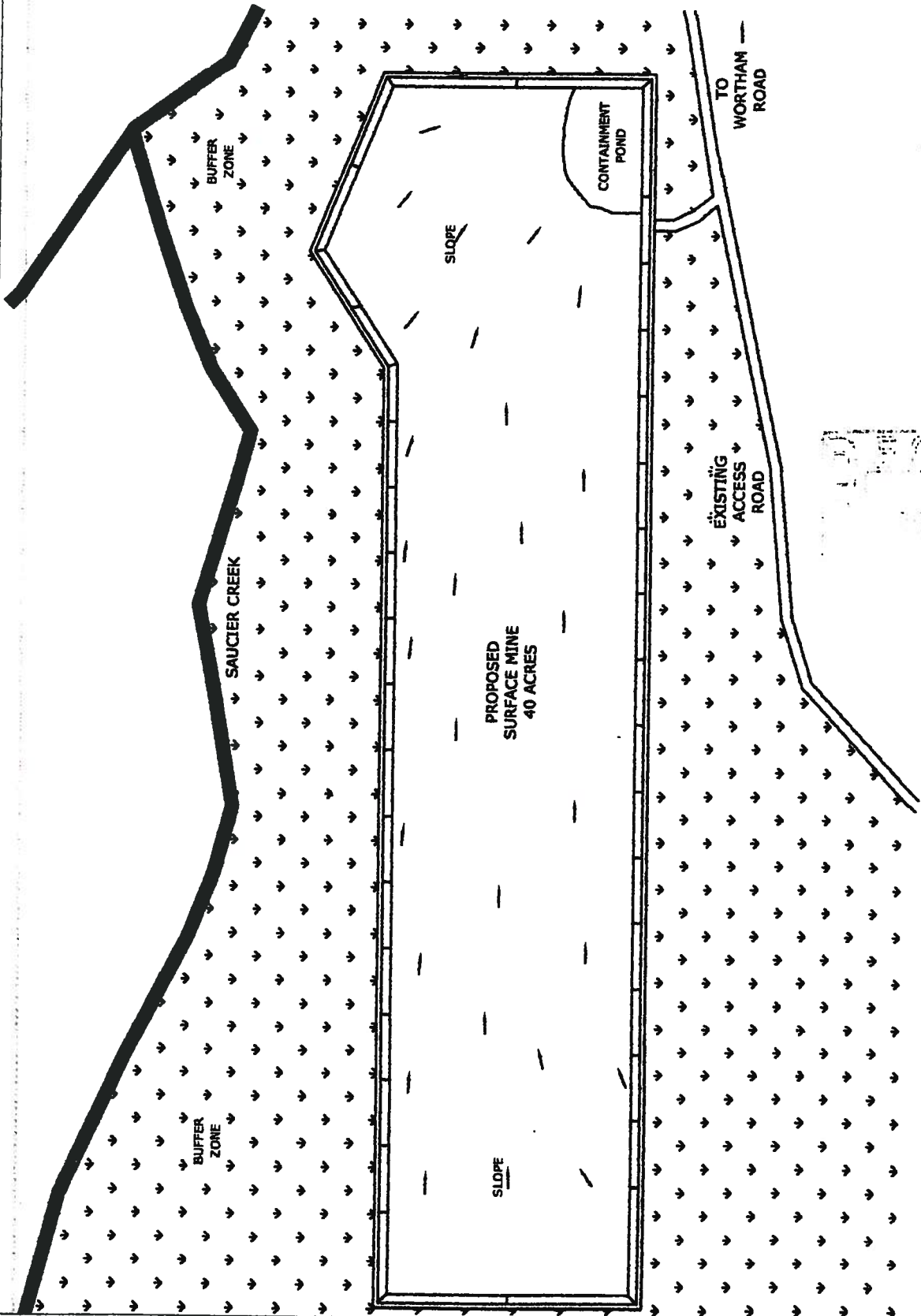
M. R. ROUSE

DATE

Oct. 20, 2004

DATE

Scale As Noted



# CROSS SECTION DETAILS

## LEGEND & NOTES

1. All Slopes To Be 3:1.
2. All Slopes To Be Seeded.
3. All Buffer Zones At Road To Be Maintained.
4. Establish Erosion Control On All Slopes & Tops Of Berm.

**TOTAL PERMIT  
AREA  
40 ACRES**

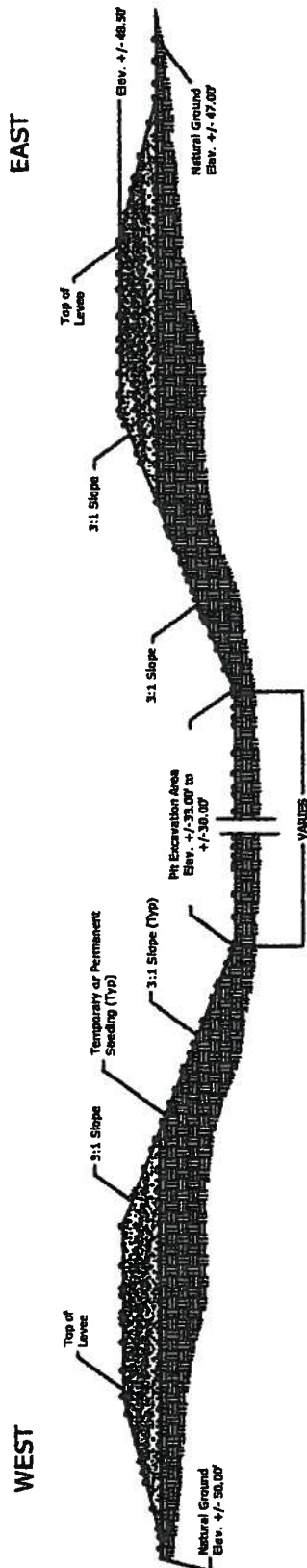
**SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST**

File	Project Number	Date
	2004-10-01	

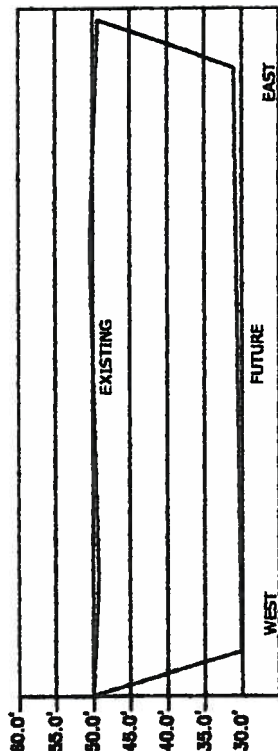
**W. C. FORE, LLC.**  
P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

**WORTHAM ROAD  
PIT**  
WORTHAM ROAD  
SAUCIER, MS 39574

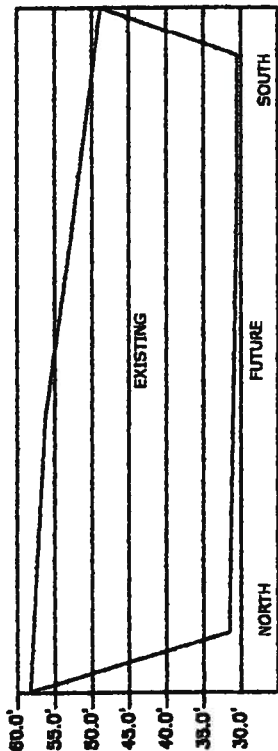
**D-1**  
M. R. ROUSE  
Oct. 20, 2004  
Scale As Noted



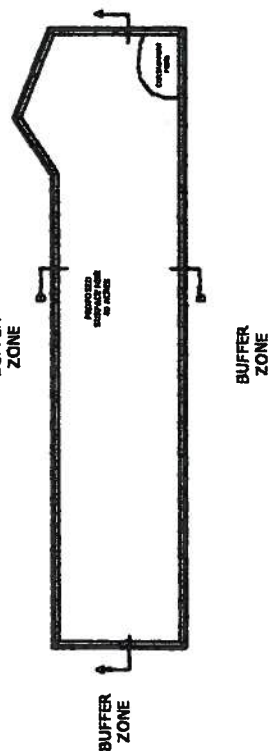
**TYPICAL MINING PIT BERM  
(NTS)**



**SECTION A-A**



**SECTION B-B**



**WORTHAM ROAD SURFACE MINING PIT**  
MINE PERMIT AREA 40.40  
ACCESS ROAD 2.75

**TOTAL IMPACT AREA 43.15 ACRES**

General Notes

# POST RECLAMATION

## LEGEND & NOTES

SLOPE:



1. Proposed Surface Drainage
2. Surface mine will have grass cover.
3. Berms will be pushed back into the surface mine. Topsoil will be spread throughout mine to begin grass cover.

**TOTAL PERMIT AREA**  
**40 ACRES**

SUCCESS QUADRANGLE  
SECTION 28  
TOWNSHIP 5 SOUTH  
RANGE 11 WEST

No.	Reclamation/Notes	Date
2004-10-01		

For Name and Address

**W. C. FORE, LLC.**

P. O. BOX 3058  
GULFPORT, MS 39505  
(228) 863-1314

Project Name and Address

**WORTHAM ROAD PIT**

WORTHAM ROAD  
SAUCIER, MS 39574

For Name and Address

**M. R. ROUSE**

Oct. 20, 2004

Scale As Noted

**D-2**

