

W C Fore Trucking Inc, Broadus Road Pit

MSR321437

General Information

| ID | Branch | SIC | County | Basin | Start | End |
|-------|-----------------------------------|------|----------|-----------------|------------|-----|
| 19999 | Mining and Solid Waste Management | 1442 | Harrison | Coastal Streams | 10/27/2004 | |

Address

| Physical Address (Primary) | Mailing Address |
|-----------------------------------|-----------------------------------|
| Broadus 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 |
|-----------|---|----------------------------|------------|------------|
| MSR321437 | W C Fore Trucking Inc, Broadus Road Pit | GP-Mining | 03/11/2005 | |
| A1541 | W C Fore Trucking Inc, Broadus Road Pit | Geology-Mining-Application | 10/27/2004 | |
| P05005 | W C Fore Trucking Inc, Broadus Road Pit | Geology-Mining-Permit | 02/28/2005 | 02/28/2010 |
| 19999 | W. C. Fore Trucking, Inc., Broadus 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 |
|----------|-----------|----------|-----------|-----------|
| | | | | |

| | | | | |
|--|---|--|---|---|
| <p>30 ° 35 ' 37 .00 (030.593611)</p> | <p>89 ° 2 ' 49 .01 (089.046947)</p> | <p>Point Desc: PG- Plant Entrance (General). Data collected by J. Matheny on 1/4/2006.</p> <p>Method: GPS Code (Psuedo Range) Standard Position (SA Off)</p> <p>Datum: NAD83</p> <p>Type: MDEQ</p> | <p>Section: 024</p> <p>Township: 05S</p> <p>Range: 11W</p> | <p>SWIMS TerraServer Map It</p> |
|--|---|--|---|---|

Report Date: 5/4/2006 2:12:19 PM

AI 19999
MSR 321437

Site Name: Broadus Road Pit

W.C. FORE

Harrison Co.

Address: _____
City: _____ State: MS Zip: _____
County: _____

Site Unique Identifier: _____
Site Unique Identifier Description: POE-005
(Permit#, EPA ID, Monitoring Station #, etc...)

Latitude: 30 Degrees 35 Minutes 37.0 Seconds
Longitude: 089 Degrees 02 Minutes 49.1 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

J.H.
5/3/06

Comments: _____

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

Collected By: J. Matting

Date Collected: 4/4/06

W C Fore Trucking Inc, Broadus Road Pit

General Information

| ID | Branch | SIC | County | Basin | Start | End |
|-------|-----------------------------------|---------------|----------|---------------|------------|-----|
| 19999 | Mining and Solid Waste Management | NONE SELECTED | Harrison | NONE SELECTED | 10/27/2004 | |

Address

| Physical Address (Primary) | Mailing Address |
|-----------------------------------|-----------------------------------|
| Broadus 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 |
|--------|---|--------------------|------------|----------|
| 19999 | W. C. Fore Trucking, Inc., Broadus 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: 10/28/2004 8:25:02 AM

W C Fore Trucking Inc, Broadus 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: 10/28/2004 8:25:02 AM

January 14, 2010

Ethan Mayeu
OPC/ECED
Solid Waste and Mining

RE: W. C. Fore Trucking "Broadus Road Mine"
Surface Mining Permit **P05-005**; AI # 19999
40.64 acre Sand Mine
Sec 24-5S-11 W
Harrison Co. MS

On January 13, 2010 the above referenced site was inspected. The 40 acre site is active and expanding. Vegetation is poor. I did not see any evidence of major storm water concerns during this inspection as it appears that the majority of storm water remains on site. There is no plant or scales at this location.

James C. Johnson, RPG
Mining and Reclamation Division
Office of Geology
MDEQ
EXT 15526

Enclosure

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 #: P05-005 Acres: 40.64 Inspection Type: Annual

Inspected By: Jim Johnson Date: 01-13-2010

Location of Operation: NE 1/4 of SW 1/4; and NW 1/4 of SE 1/4; and SW 1/4 of NE 1/4; and SE 1/4 of NW 1/4 of Section 24, Township 5 South, Range 11 West, Harrison County, Mississippi

Mining Status: A.I. 19999 "Broadus Road Mine"

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: Poor

Water Control: Adequate

Sediment Pond: Adequate

Sediment Runoff: Not Excessive

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

RECLAMATION

Progress: Adequate Dec. 2011

Plan Filed: pond; 3:1 slopes; grass

Plan Implemented: None to date. Active mining.

Debris Disposal: Proper

Slopes: vary Horizontal to Vertical

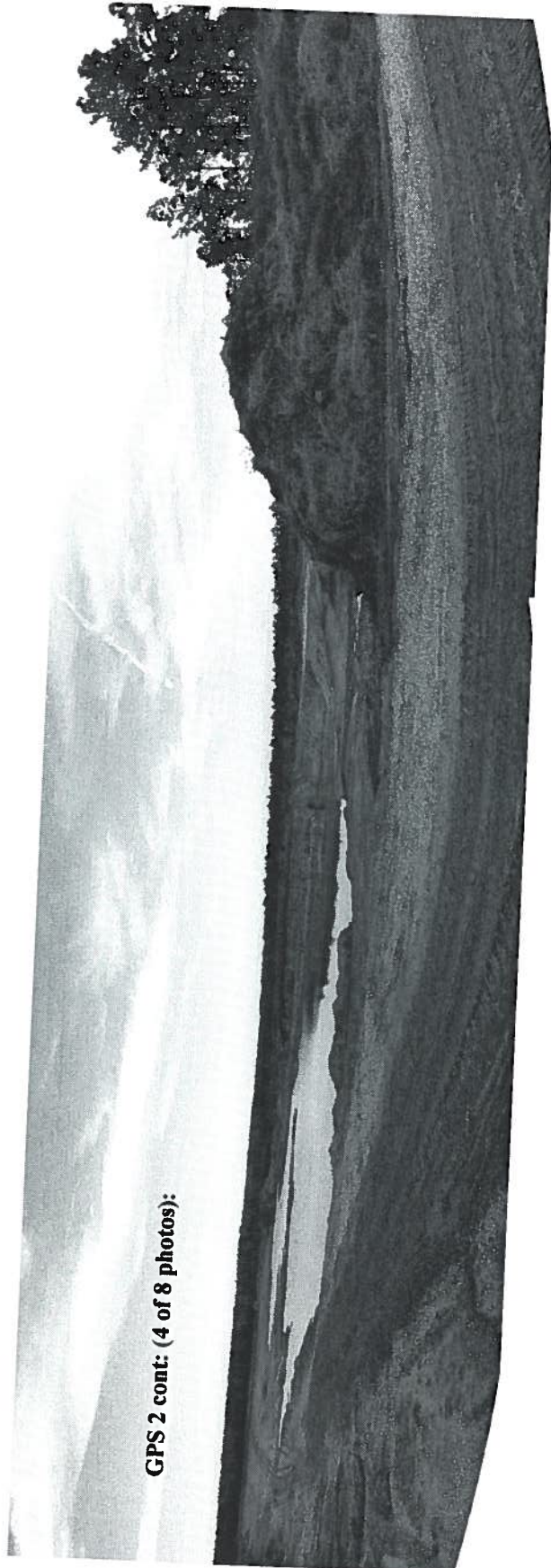
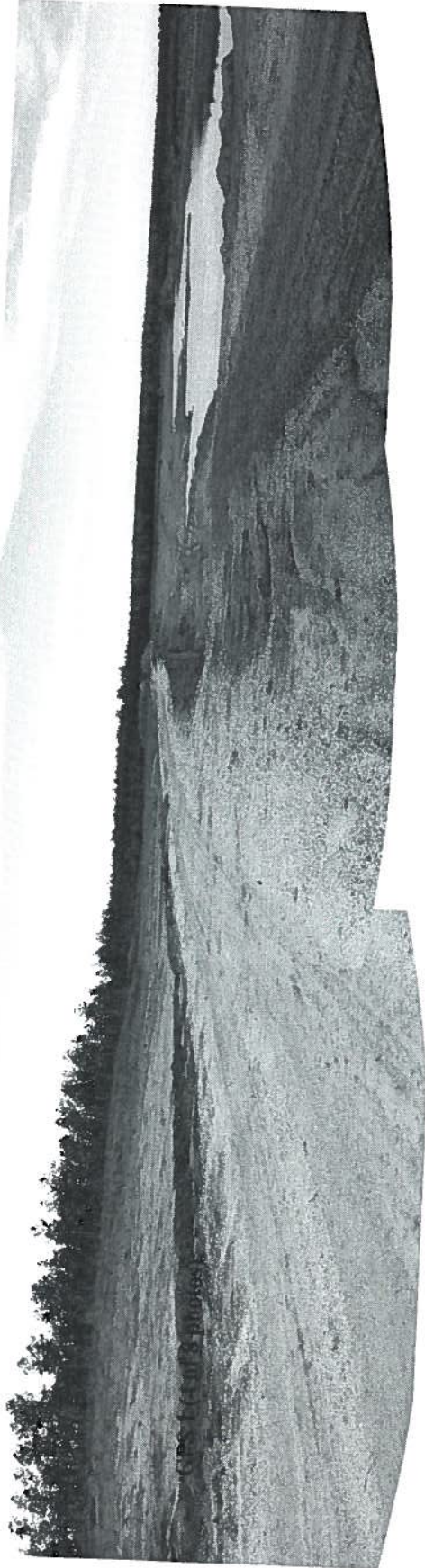
Slope Condition: Unstable

Vegetative Cover: Very Poor

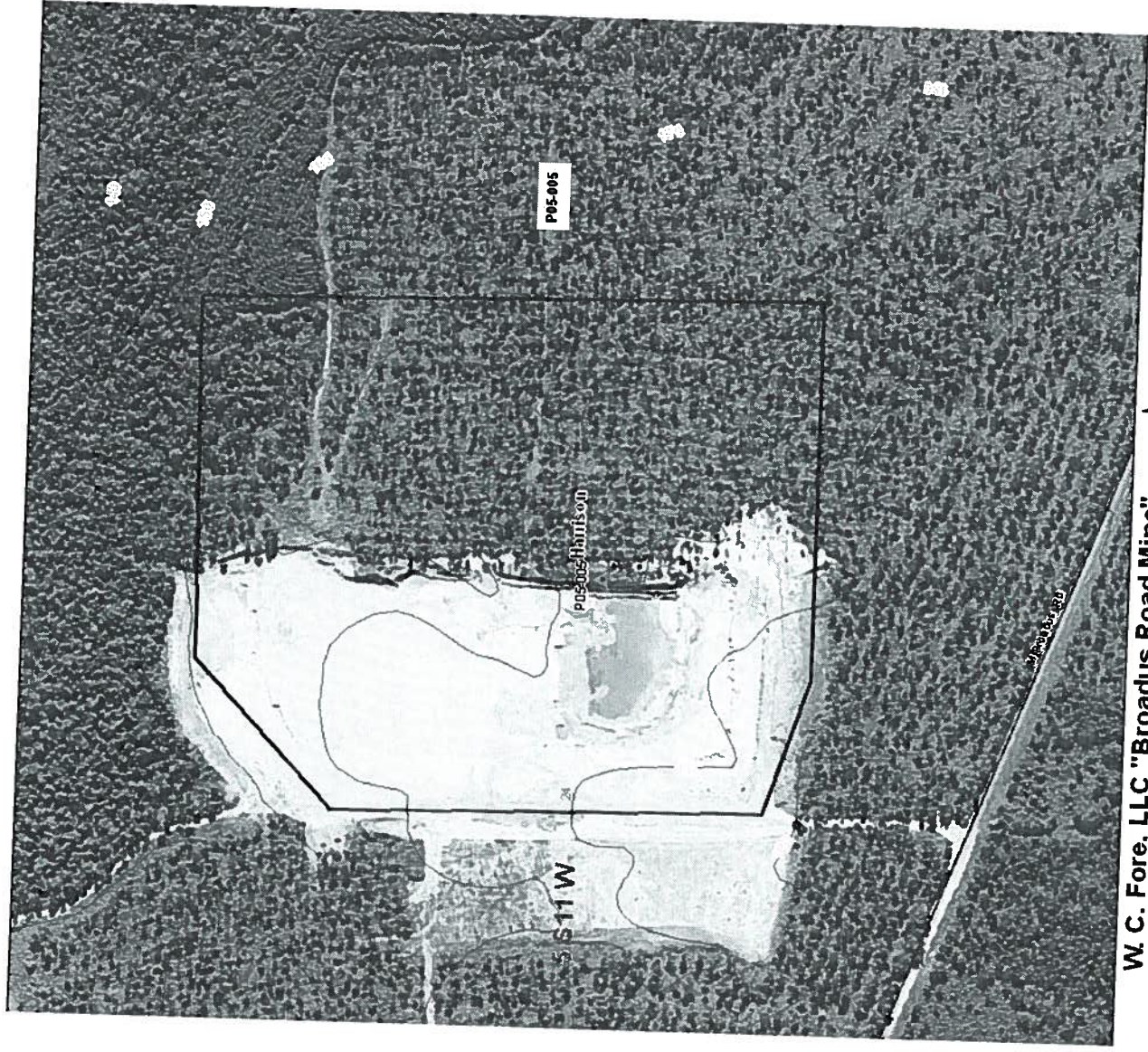
Comments: The operator must mark the permit boundaries. There were no other problems noted during this inspection.

BR Status:

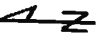
BR Recommendation:



GPS 2 cont: (4 of 8 photos):



W. C. Fore, LLC "Broadus Road Mine"
 P05-005; AI # 19999
 40.64 Acres



Aerial Photo 2009
 Scale 1:3000

STORM WATER INSPECTION

February 13, 2009

Ethan Mayeu
OPC/ECED
Solid Waste and Mining

RE: Broadus Road Pit A.I. 19999

W.C. Fore P05-005

MSE 3 > 1437

On Jan 14, 2009 I inspected the Broadus Road Pit in Harrison Co. This is a 40.64 acre open pit mine for sand. All storm water appears to be contained on site within the excavation. There is no debris disposal at this site. Vegetation is very poor due to active mining. There is no office, etc. at this location.

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

Enclosure

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 #: P05-005 Acres: 40.64 Inspection Type: Annual
Inspected By: J.Matheny Date: 01-14-2009
Location of Operation: NE 1/4 of SW 1/4; and NW 1/4 of SE 1/4; and SW 1/4 of NE 1/4; and SE 1/4 of NW 1/4 of Section 24, Township 5 South, Range 11 West, Harrison County, Mississippi
Mining Status: A.I. 19999
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: Poor
Water Control: Adequate
Sediment Pond: Adequate
Sediment Runoff: Not Excessive
Dam(s) to Pond(s) Present: Appear Adequate

RECLAMATION

Progress: Adequate Dec. 2011
Plan Filed: pond; 3:1 slopes; grass
Plan Implemented: None to date. Active mining.
Debris Disposal: Proper
Slopes: vary Horizontal to Vertical
Slope Condition: Unstable
Vegetative Cover: Very Poor

Comments: The operator must mark the permit boundaries. There were no other problems noted during this inspection.

BR Status:

BR Recommendation:



#1



#2



#3

W.C. Fore P05-005

A011409JM

page 2 of 4



#4



#5



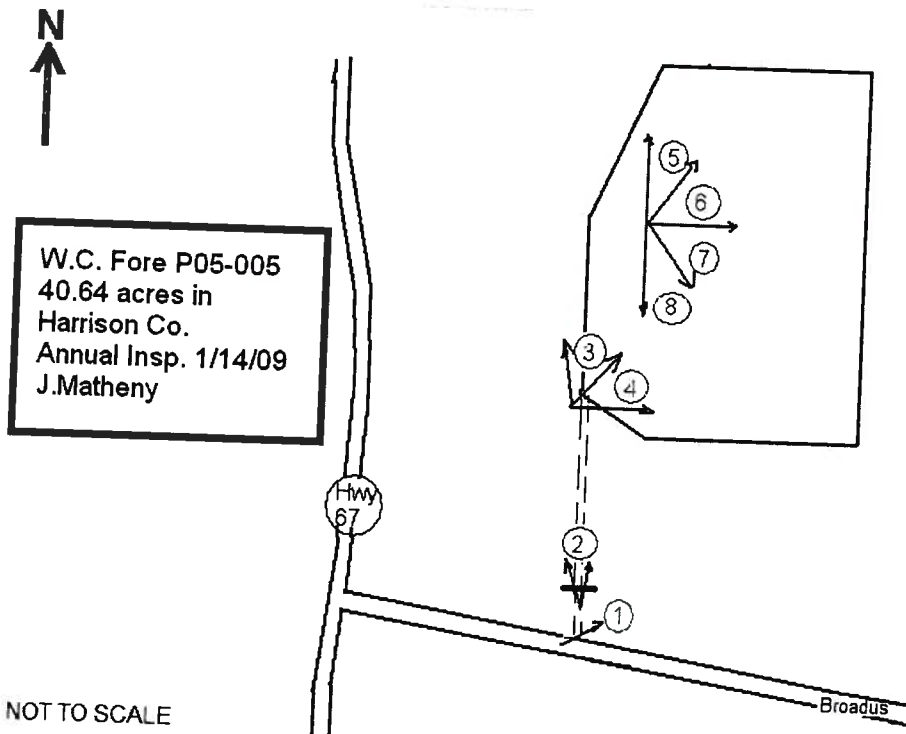
#6



#7



#8



NOT TO SCALE

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

February 13, 2009

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

Dear Mr. Fore:

Enclosed is a copy of the annual inspection report for the area covered by Surface Mining Permit P05-005 in Harrison County Mississippi.

The operator must mark the permit boundaries. There were no other problems noted during this inspection.

Sincerely,



James Matheny
Environmental Scientist
Mining and Reclamation Division

Enclosure

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 #: P05-005 Acres: 40.64 Inspection Type: Annual
Inspected By: Tom Ray Date: 01-02-2008
Location of Operation: NE 1/4 of SW 1/4; and NW 1/4 of SE 1/4; and SW 1/4 of NE 1/4; and SE 1/4 of NW 1/4 of Section 24, Township 5 South, Range 11 West, Harrison County, Mississippi

Mining Status: Active "Broadus Road Pit"
Within Permit Limits? Yes AI 19999
Mining Without Permit? No MSR321437
Mining Within 300 Feet of Occupied Dwelling? No
Mining Within 100 Feet of Right of Way? No
Identification Sign: Good
Monitor or Location Marker: Good
Water Control: Adequate
Sediment Pond: Adequate
Sediment Runoff: Not Excessive
Dam(s) to Pond(s) Present: Appear Adequate

RECLAMATION

Progress: Adequate 12-2011
Plan Filed: a pond with 3 to 1 grass slopes
Plan Implemented: none
Debris Disposal: Proper
Slopes: vary Horizontal to Vertical
Slope Condition: Unstable
Vegetative Cover: Very Poor

Comments: I saw no problems this inspection.

BR Status: No release to date on original \$43,150 bond

BR Recommendation:



STATE OF MISSISSIPPI
HALEY BARBOUR
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

January 20, 2006

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

Dear Mr. Fore:

Enclosed is a copy of the annual inspection report for the area covered by Surface Mining Permit P05-005 in Harrison County Mississippi.

The operator must maintain a permit sign and boundary markers until final bond release.

Sincerely,

A handwritten signature in black ink, appearing to read "James Matheny".

James Matheny
Environmental Scientist
Mining and Reclamation Division

Enclosure

APR 12 2005

Permit Action Form
W C Fore Trucking, Inc., Broadus Road Pitt
Broadus Road
Harrison County
Saucier, MS 39574

Branch Manager: Billy Warden
SIC: 1442

Recommendations

Folder No. – Activity Type

GNP20040001 - NA-Mining

Permit No.

MSR321437

DEQ Contact

Michael Roussel

Action: Issue

Modification

Transfer

Revoke

Reissue

Name Change

Deny

By:

Division Chief

Permit Board

Terminate

Programs:

Master File

| Program | Sub Program |
|---------|-------------------|
| Water | Mining Stormwater |

Permit Application

| Program | Sub Program |
|---------|-------------------|
| Water | Mining Stormwater |

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 and supporting documents that satisfies the requirements of the Mining Stormwater Discharge regulations. The surface mining permit has been issued by the MDEQ Office of Geology.

Coordination

Comments: The receiving stream, Clear Branch, is not on the 303(d) list of impaired water bodies.

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 |

CAS

Organizations

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

Agency Interests

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

Administrative Tasks

| Task | Scheduled Date | Completed Date |
|---|---------------------|---------------------|
| NOI Received | 10/28/04 8:18:49 AM | 10/27/04 8:25:32 AM |
| In-House and Other State Agency Coordination Completed | 11/5/04 | 12/7/04 5:25:19 PM |
| Notice of Intent, SWPPP, Plans and Specs Reviewed and Deficiencies Resolved | 2/15/05 | 2/15/05 5:25:40 PM |
| Final Coverage/Supporting Documents Prepared and Sent for Signature | 2/27/05 | 3/10/05 9:24:17 AM |
| Coverage Issued | 1/26/05 8:18:50 AM | 3/11/05 9:24:33 AM |

Existing Permits

| Permit Number | Description |
|----------------------------|-------------|
| Geology-Mining-Application | A1541 |

Requirement Profiles:

| Category | ID | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 | Level 7 | Level 8 |
|----------|-------|---------------------|---------|----------------|---------|---------|---------|---------|---------|
| AI | 19999 | Compliance Use Only | Permits | General Permit | Mining | | | | |



*Permit Board Issuance
Let's 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

Broadus Road Pit

**Receiving Stream: Clear Branch
Harrison County**

[Signature]

Chief, General Permits Branch

Coverage No. MSR321437

Date of Coverage: March 11, 2005

Date Coverage Expires: November 9, 1997

19999 GNP20040001



STATE OF MISSISSIPPI
HALEY BARBOUR
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

March 11, 2005

CERTIFIED MAIL 7003 0500 0000 8835 5017

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

Dear Mr. Fore:

Re: W C Fore Trucking, Inc.
Broadus Road Pit, Harrison County
General Mining Stormwater
Coverage No. MSR321437

Enclosed is a Certificate of Coverage granting you coverage under the Mining Storm Water General NPDES permit, copy enclosed. Your Storm Water Pollution Prevention Plan (SWPPP) appears to meet permit requirements and will be further reviewed during our compliance inspection. The last page of the permit is an inspection form that should be copied and used for the semiannual inspection.

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,

A handwritten signature in blue ink, appearing to read "Jim Morris".

Jim Morris, Chief
General Permits Branch

Enclosures

cc:

19999 GNP20040001



*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:

Broadus Road Pit
Receiving Stream: Clear Branch
Harrison County


Chief, General Permits Branch

Coverage No: MSR321437

Date of Coverage: March 11, 2005

Date Coverage Expires: November 9, 1997

19999 GNP20040001

**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, Broadus Road Pit

AI #

19999

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

Mining Stormwater Coverage

A. Air

Section Not Applicable

- | Yes
<input type="checkbox"/> | No
<input type="checkbox"/> | Not Applicable
<input type="checkbox"/> | |
|---------------------------------|--------------------------------|--|--|
| <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">■ New Source Performance Standards (NSPS) (<u>40 CFR Part 60</u>)■ National Emission Standards for Hazardous Air Pollutants (NESHAP) (<u>40 CFR Parts 61 and 63</u>)■ Compliance Assurance Monitoring (CAM) (<u>40 CFR Part 64</u>)■ Prevention of Significant Deterioration (PSD) (<u>40 CFR Part 52</u>)■ Acid Rain Program (<u>40 CFR Part 72</u>)■ Chemical Accident Prevention Provisions (<u>40 CFR Part 68</u>) |
| <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">■ 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 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A7. Will any air discharges have an impact on water quality? |

B. Hazardous Waste

Section Not Applicable

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

- 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

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

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

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 / NA
 - Contact Surface Water Division if unsuitable locations are proposed.

- 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

- 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

- 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 / No / NA

- D6. Is an antidegradation package required?
 - For POTWs, required for new major discharges (≥ 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.

- 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

- 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 / NA

- 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.

- 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 / No / NA

- 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.

- D12. Will the facility obtain water from an existing Public Water System (PWS)?
 - Does the PWS have adequate capacity? Yes / No / NA
 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.

- 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.

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

E. SARA Title III (EPCRA) Reporting

Section Not Applicable

- 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

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

| Permit Number | Description | Expiration |
|---------------|-------------|------------|
| | | |

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

| Permit Activity | Last Permit Expired Task | Last App Received Task |
|-----------------|--------------------------|------------------------|
| | | |

- 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.
- 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 / No / NA

- 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 / No / NA
 - Is there a significant amount of industrial activity? Yes / No / NA
 - Are there indications that there is a significant population of non-English-speaking people near the site? Yes / No / NA
 - Are we aware of any variances or violations in local zoning?
Yes / No / NA
 - Are there quality of life issues? Yes / No / NA
 - Contact the EJ coordinator if there appear to be EJ concerns.
 - Determine what kind of additional public information activities need to be done.

- F5. Has it been determined that there is public interest in this project?
 - Is there organized public opposition? Yes / No / NA
 - Who is the opposition?

 - Has there been media coverage or the possibility of media coverage?
Yes / No / NA
 - Are there regulation changes on the horizon that would result in more stringent requirements for the project? Yes / No / NA
 - Are there actual, potential, or alleged human health or environmental impacts? Yes / No / NA
If yes, explain.
Sediment contained in stormwater runoff if facility is not operated correctly.

- F6. Are there cumulative impact issues?
 - Is there a concentration of emissions in the area?
Yes / No / 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? Yes / No / NA
Has it been used? Yes / No / NA

- 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.
- 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.
- 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
- F10. Is this facility located in a politically sensitive area?
- F11. Will this facility have a significant economic impact on the area?
- F12. Does this project involve other state or federal agencies, and if so, in what way?
MDEQ Office of Geology in the issuance of a Surface Mining Permit.
- 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.
- 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.)
- F15. Is there *anything else* that might slow down the permitting decision or change any permit conditions? (Industrial Sector Notebooks) If yes, describe.

HARRISON COUNTY

ZONING ADMINISTRATION

15309-C COMMUNITY ROAD • GULFPORT, MISSISSIPPI 39503
(228) 831-3367/FAX (228) 831-3356



January 27, 2005

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



To Whom It May Concern:

Appeal: 0411HC192

Said petition was filed by Bob Gavin for WC Fore, LLC requesting a Conditional Use Permit to allow for 40-acre dirt pit on a 750-acre parcel of land as identified on the site plan. The A-1 (general agriculture) District requires a conditional use permit for the establishment of extraction operations. The subject property is located north of Broadus Road, east of Hwy 67 and south of Stewart Road. The subject property is a portion of ad valorem tax parcel number 0903-24-001.000.

At a meeting on Monday, January 24, 2005, the Harrison County Board of Supervisors considered an Appeal of the Planning Commission decision to approve the Conditional Use Permit until December 2006.

This letter will officially notify you that the Harrison County Board of Supervisors granted the Appeal and overruled the Planning Commission's decision to place a time limit on the Conditional Use Permit. The Conditional Use Permit is approved as petitioned

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

Sincerely,

Patrick Bonck
Patrick Bonck

cc: Adjacent Property Owners

Patrick C. Bonck
Zoning Administrator

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. 1541
Application No. A1541

Date: December 7, 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: NE 1/4 of SW 1/4; and NW 1/4 of SE 1/4; and SW 1/4 of NE 1/4; and SE 1/4 of NW 1/4 of Section 24, Township 5 South, Range 11 West, Harrison County, Mississippi

DESCRIPTION: Applicant proposes to open pit mine 40.64 acres for sand to a depth of 20 feet. Erosion will be controlled by settling ponds. Reclamation will consist of a pond with 3 to 1 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 22, 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 22, 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.

A/H
1999

SURFACE MINING PERMIT APPLICATION

A1541

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

| | | | |
|----------------------|----------|-----|----|
| City/County approval | Required | Yes | No |
| Received Date | | | |
| County | | | |
| City | | | |

For Office use only

A. GENERAL INFORMATION

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

Mailing Address: **P. O. Box 3058 Gulfport, MS 39505**

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: **Broadus 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 1/4 - 1/4 SECTION.**

Success Quadrangle 24 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 Dredge

Wash Operation, if so
Water Source

Wash System Type
 Closed system Open system

7. Number of Acres to be Permitted:

Excavation **40.02**

Haul roads, plant site, ponds,
storage piles, etc. **0.62**

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 this application is an amendment to
expand an existing permit, number of
additional acres to be permitted _____

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.

TOTAL PERMITTED AREA **40.64**
acres

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 / 2011

Begin reclamation 12 / 2009

Complete reclamation 12 / 2011

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: _____

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.

October 4, 2004

Date

W. C. Fore
Signature

W. C. Fore

Printed Name

President

Title

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 1/2" x 11" photocopy of applicable portion of topographic map):

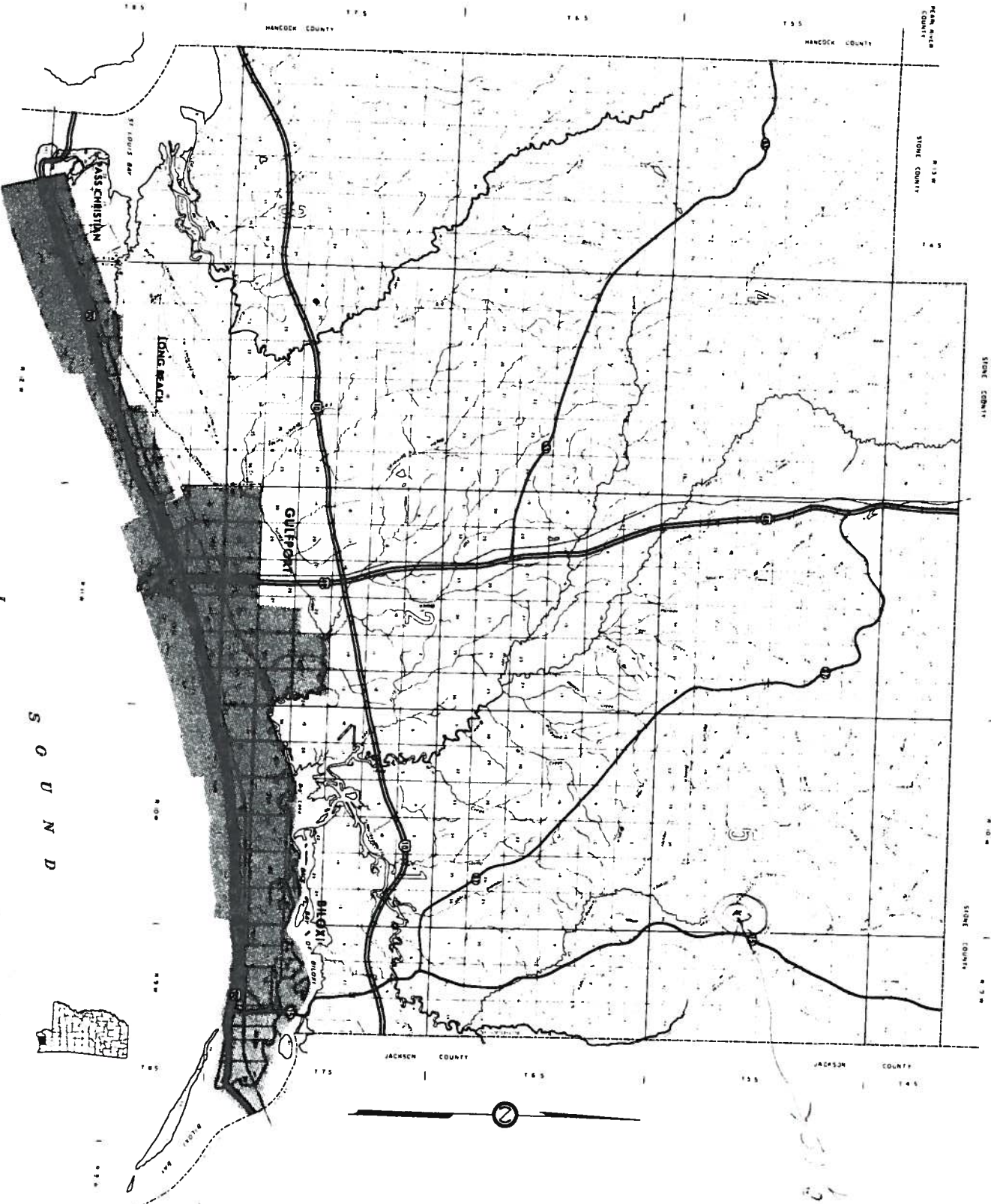
Name of Topographic Map Success Quadrangle, Harrison County

 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 1/2" x 11")

M I S S I S S I P P I

S O U N D

HARRISON COUNTY MISSISSIPPI



2016 location

PEARL RIVER
STONE COUNTY

PEARL RIVER
STONE COUNTY

PEARL RIVER
STONE COUNTY

PEARL RIVER
STONE COUNTY

HANCOCK COUNTY

HANCOCK COUNTY

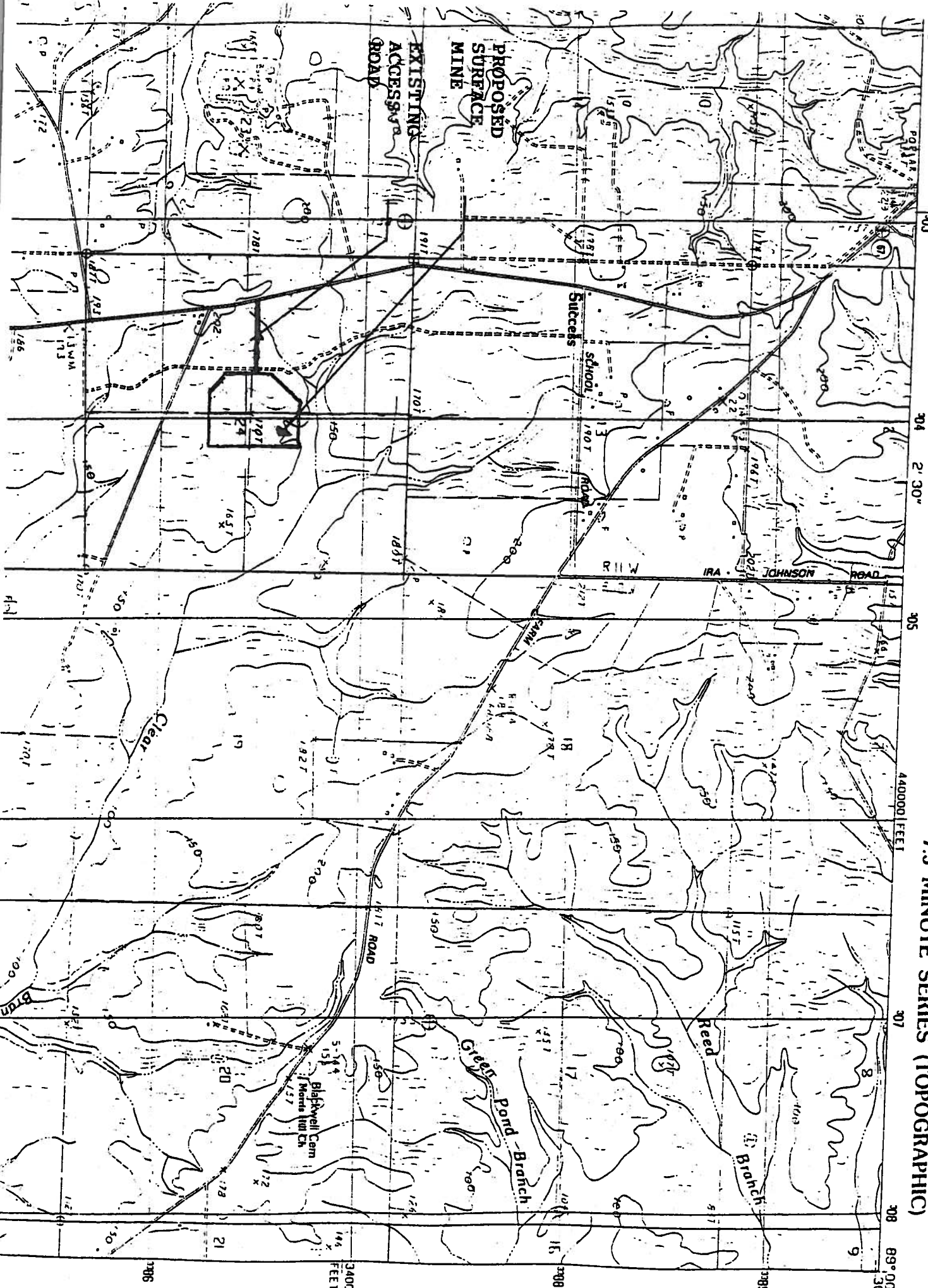
JACKSON COUNTY

JACKSON COUNTY

SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

BROADUS ROAD PIT
SUCCESS QUADRANGLE
40 ACRES

SUCCESS QUADRANGLE
MISSISSIPPI-HARRISON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



1413
2324

SECTION 24

NW 1/4

NE 1/4

24' GALVANIZED
STEEL DOUBLE
ENTRY GATE

Hwy 67

UNNAMED
TRIBUTARY

FORESTRY ROAD

CLEAR
BRANCH

PROPOSED
SURFACE MINE
40 ACRES

EXISTING ACCESS RD

M. BROADUS ROAD

Hwy 67

FORESTRY ROAD

SW 1/4

SE 1/4

2419
2530



SITE PLAN

LEGEND & NOTES

PERMIT AREA:



FLOOD ZONE:
THIS AREA IS NOT LOCATED IN
A FLOOD ZONE ACCORDING TO
THE FEMA FLOOD ZONE MAP

EXISTING SURFACE
DRAINAGE:



TOTAL PERMIT
AREA
40 ACRES

SUCCESS QUADRANGLE
SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

| No. | Project Number | Date |
|-----|----------------|------|
| | 2004-10-02 | |

W. C. FORE, LLC.

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

**BROADUS ROAD
PIT**

M. BROADUS POAD
SAUCIER, MS 39574

M. R. ROUSE
Oct. 5, 2004
Scale As Noted
S-1

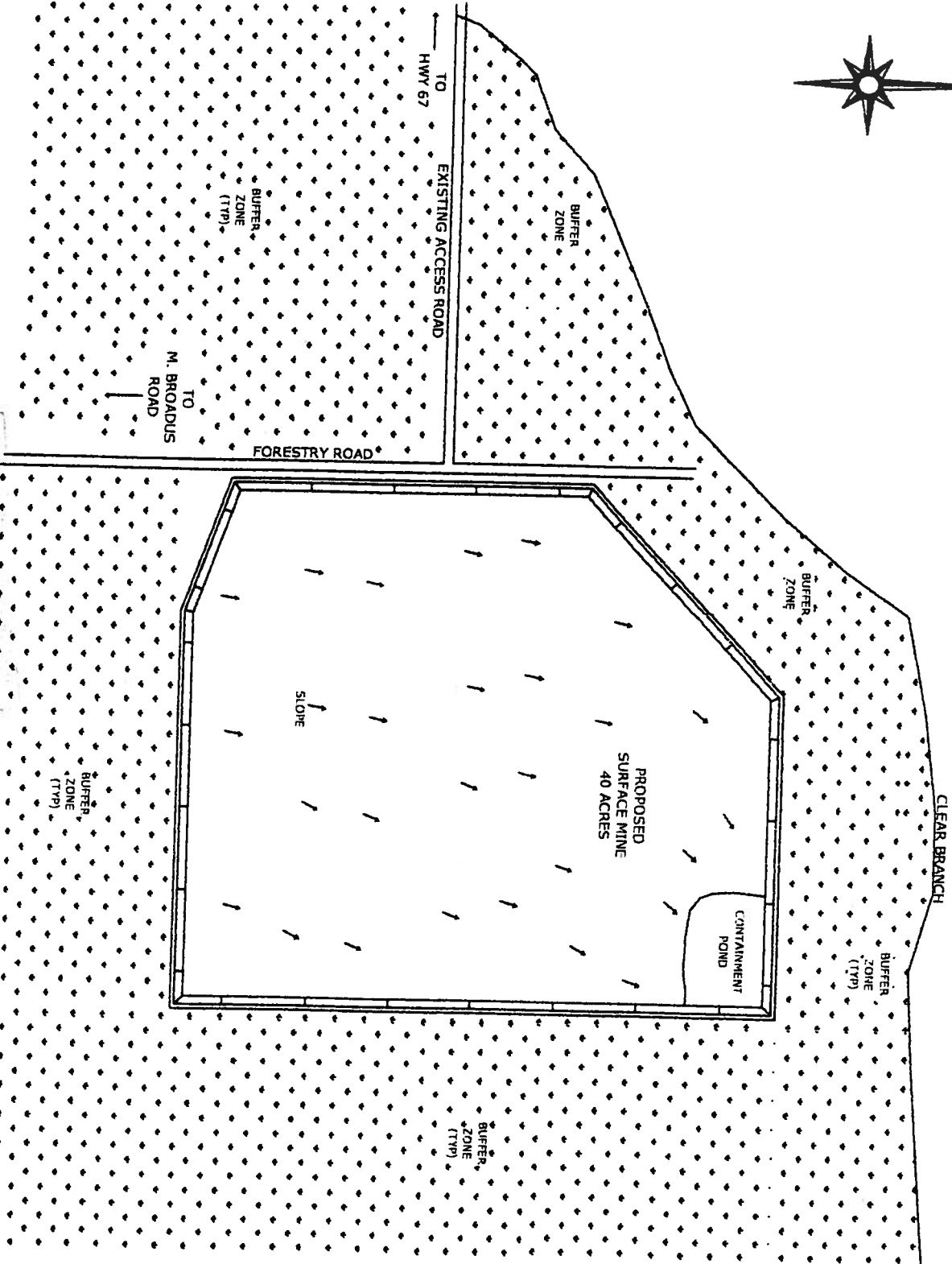
PROJECT SCOPE of WORK

Broadus Road Pit S24, T5S, R11W Harrison County, Mississippi

27

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| Project Description - Introduction | 2 |
| Site Description: Pre-Construction | 2 |
| Site Description: Construction and Post-Construction | 2 |
| Adjacent Property | 3 |
| Soils | 4 |
| Planned Erosion, Sediment, and Stormwater Control Practices | 4 |
| Containment Pond | 4 |
| Construction Entrance | 4 |
| Tree Preservation and Protection | 4 |
| Buffer Zone | 4 |
| Surface Roughening | 5 |
| Silt Fence | 5 |
| Dust Control | 5 |
| Temporary Seeding | 5 |
| Permanent Seeding | 5 |
| Attachment 1 | |
| Site Location Map (Quadrangle) | A-1 |
| Site Location Map (Aerial) | A-2 |
| Site Plan | A-3 |
| Permit Area Plan | A-4 |
| Reclamation Detail Plan | A-5 |
| Area Soils Map | A-6 |



PERMIT AREA

LEGEND & NOTES

- SLOPE:
- 1. Proposed Surface Drainage
 - 2. Buffer Zone Surrounds Permit Area
 - 3. Access Road To Be Surfaced With 15" Crushed Limestone
 - 4. Maintain a Buffer Zone of 300' Between the Surface Mine & Streams
 - 5. Berm is not to Scale. A 3' X 3' Berm will Be Maintained.

TOTAL PERMIT AREA
40 ACRES

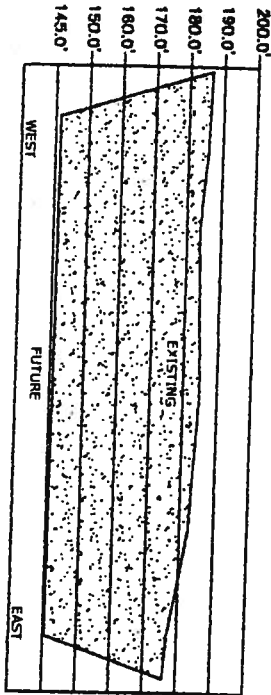
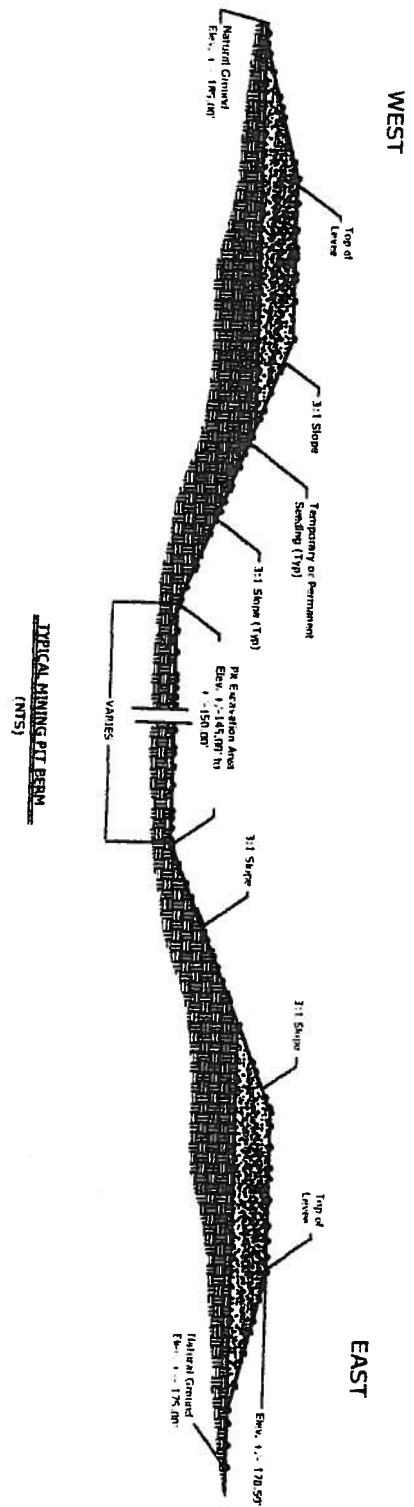
SUCCESS QUADRANGLE
SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

| | |
|------------|------|
| 2004-10-02 | 2004 |
| 2004-10-02 | 2004 |

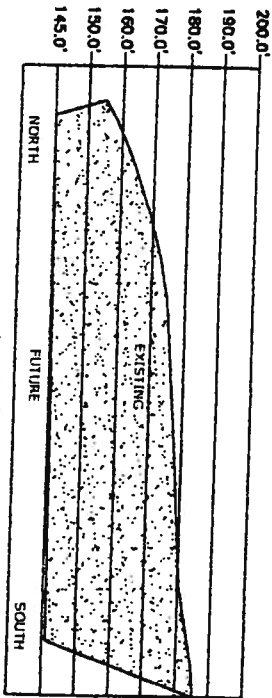
W. C. FORE, LLC
P. O. BOX 3058
GULFPORT, MS 39505
(228) 853-1314

BROADUS ROAD
PT
M. BROADUS ROAD
SAUCIER, MS 39574

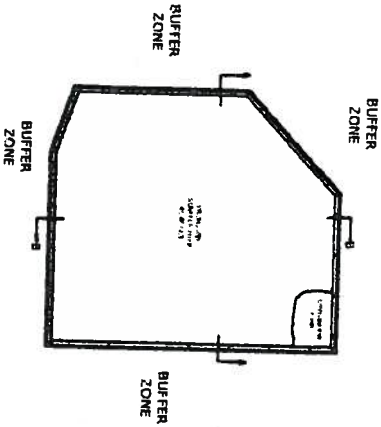
M. R. ROUSE
Oct. 5, 2004
Scale As Noted
S-2



SECTION A.A



SECTION B.B



WORTHAM ROAD SURFACE MINING PIT
 MINE PERMIT AREA 40.02
 ACCESS ROAD 0.62
 TOTAL IMPACT AREA 40.64 ACRES

**RECLAMATION
 DETAILS**

LEGEND & NOTES

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

**TOTAL PERMIT
 AREA
 40 ACRES**

SUCCESS QUADRANGLE
 SECTION 24
 TOWNSHIP 5 SOUTH
 RANGE 11 WEST

| No. | Project Number | Date |
|-----|----------------|------|
| | 2004-10-02 | |

W. C. FORE, LLC.

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

**BROADUS ROAD
 PIT**

M. BROADUS ROAD
 SAUCIER, MS 39574

M. R. ROUSE

Oct. 5, 2004

D-1

Scale As Noted



TO
HWY 67

EXISTING ACCESS ROAD

BUFFER
ZONE
(TYP)

TO
M. BROADUS
ROAD

FORESTRY ROAD

BUFFER
ZONE

BUFFER
ZONE

CLEAR BRANCH

BUFFER
ZONE
(TYP)

PROPOSED RECLAMATION
OF SURFACE MINE

SLOPE

BUFFER
ZONE
(TYP)

BUFFER
ZONE
(TYP)

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.
4. Grassy Slopes are 3:1.

TOTAL PERMIT AREA
22 ACRES:

WORTHAM QUADRANGLE
SECTION 13
TOWNSHIP 5.50 UTH
RANGE 12 WEST

| | | |
|------------|----------------|-------|
| Date | Project Number | Scale |
| 2004-10-12 | | |

W. C. FORE, LLC.
P. O. BOX 30518
GULFPORT, MS 39505
(228) 863-1314

SADLER RCAD
PT
SADLER ROAD
SAUCIER, MS 39 574

M. R. ROUSE
Oct. 12, 2004
Scale As Noted
DI-2

AI #19999
GnP2004001



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

**MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER MINING STORM WATER
GENERAL NPDES PERMIT MSR32 1437
(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: Broadus Road Pit
STREET ADDRESS OR NEAREST NAMED ROAD: Broadus Road
MINE LOCATION: CITY: Saucier COUNTY: Harrison

39574

(Mine information continued)

see attached sheet
1/4 OF 1/4 OF SECTION 24, 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: Clear Branch

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: 10/2004 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:

October 13, 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) 864-0018



October 19, 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
Broadus 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)

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

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Rouse".

Michael Rouse

encl. As Noted

BROADUS ROAD PIT MINE LOCATION

Success Quadrangle Section 24 Township 5 South Range 11 West

Southwest corners of the surface mine are located in the NE $\frac{1}{4}$ of SW $\frac{1}{4}$

Southeast corner of the surface mine is located in the NW $\frac{1}{4}$ of SE $\frac{1}{4}$

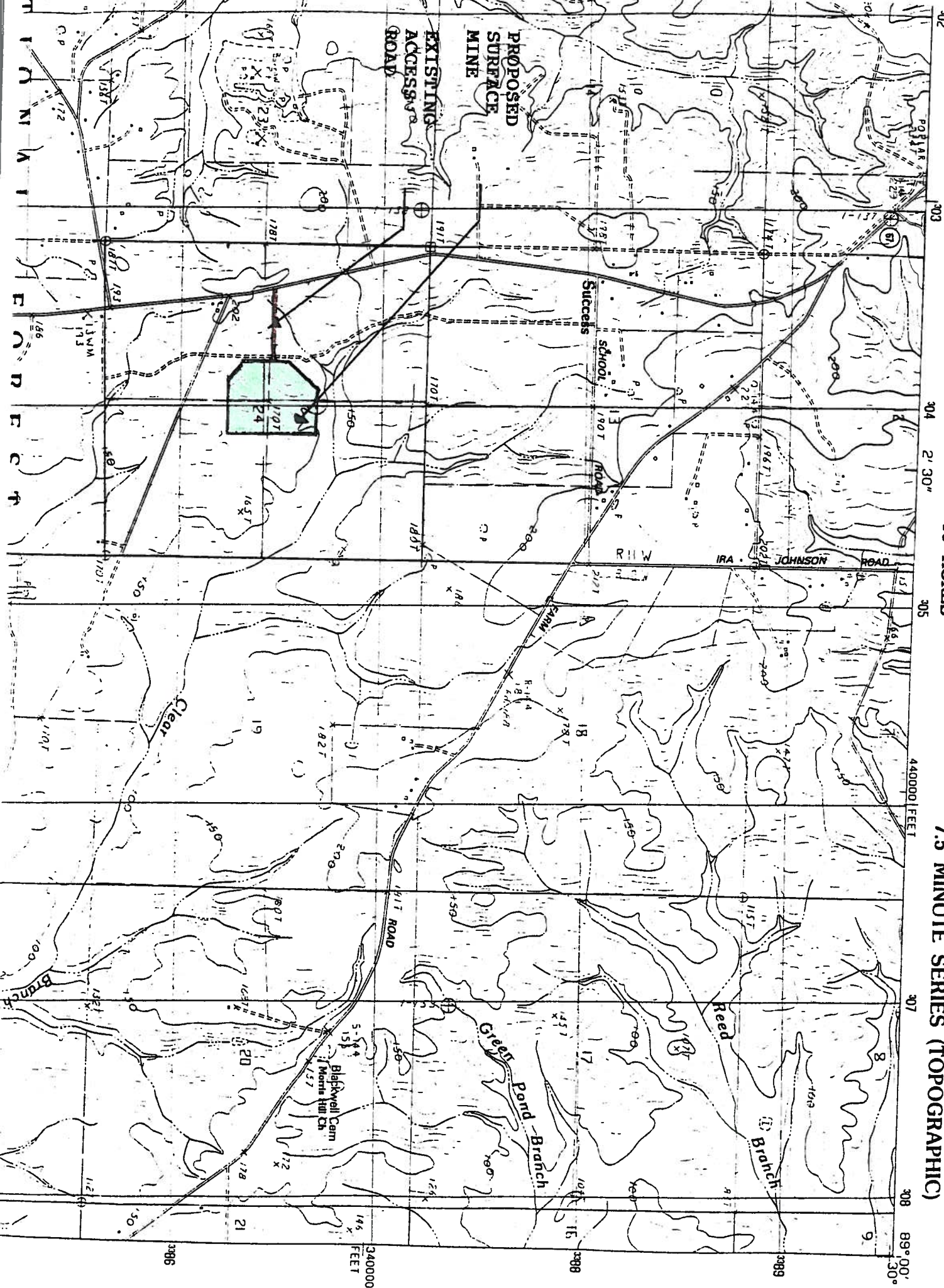
Northeast corner of the surface mine is located in the SW $\frac{1}{4}$ of NE $\frac{1}{4}$

Northwest corners of the surface mine are located in the SE $\frac{1}{4}$ of NW $\frac{1}{4}$

TOWNSHIP 5 SOUTH
RANGE 11 WEST

BROADUS ROAD PIT
SUCCESS QUADRANGLE
40 ACRES

SUCCESS QUADRANGLE
MISSISSIPPI-HARRISON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



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

**Broadus Road Pit
40 Acres
S 24, T 5S, R 11W**

**Saucier,
Harrison County,
Mississippi**

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

STORM WATER POLLUTION CONTROL PLAN

**Broadus Road Pit
40 Acres
Section 24, Township 5S, Range 11W
Harrison County, Mississippi**

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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 "**Broadus 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 1100 feet from Highway 67 and 500 feet from M. Broadus Road. A buffer zone of 200 feet will be maintained to the north between the surface mine and Clear Branch. 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 west to east 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

northeast 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 border 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 Clear Branch to the north of the project. In its undeveloped state the surface mining pit area encompasses a ± 190 -foot elevation and storm water presently appears to flow to the north, northeast, and northwest.

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 west to east 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 northeast 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 28th 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: _____

October 13, 2004

ATTACHMENT 1
STORM WATER POLLUTION
PREVENTION PLAN

SITE LOCATION MAP
RECLAMATION SITE MAP

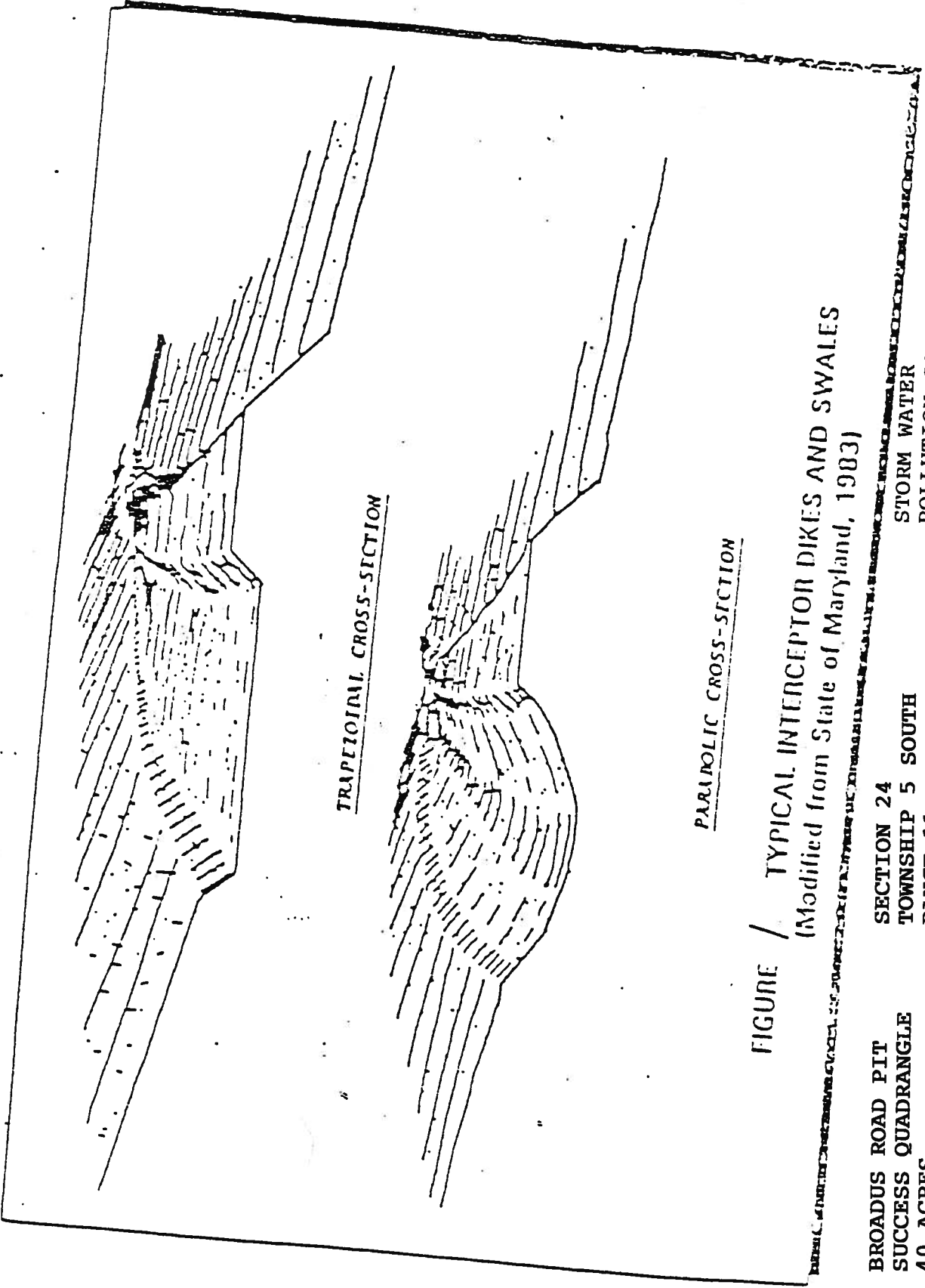


FIGURE / TYPICAL INTERCEPTION DIKES AND SWALES
 (Modified from State of Maryland, 1983)

BROADUS ROAD PIT
 SUCCESS QUADRANGLE
 40 ACRES

SECTION 24
 TOWNSHIP 5 SOUTH
 RANGE 11 WEST

STORM WATER
 POLLUTION CONTROL PLAN

Extension of fabric and wire
into the trench

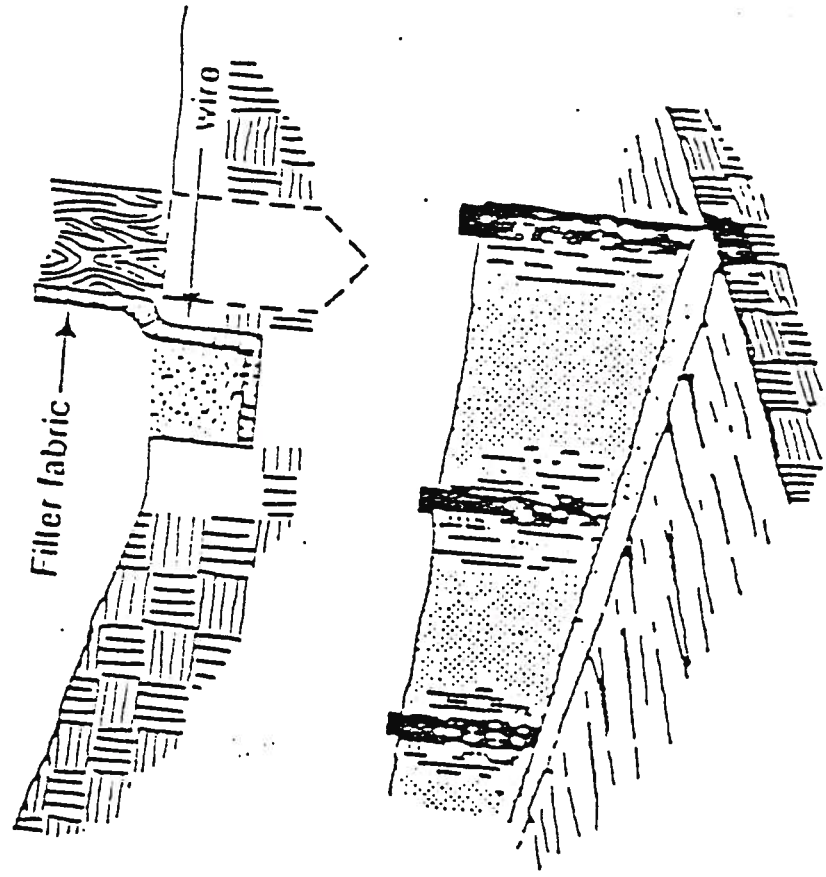


FIGURE 2 FILTER FENCE DETAILS
(Modified from State of North Carolina, 1988;
and State of Wisconsin, 1988)

BROADUS ROAD PIT
SUCCESS QUADRANGLE
40 ACRES

SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST
STORM WATER
POLLUTION CONTROL PLAN

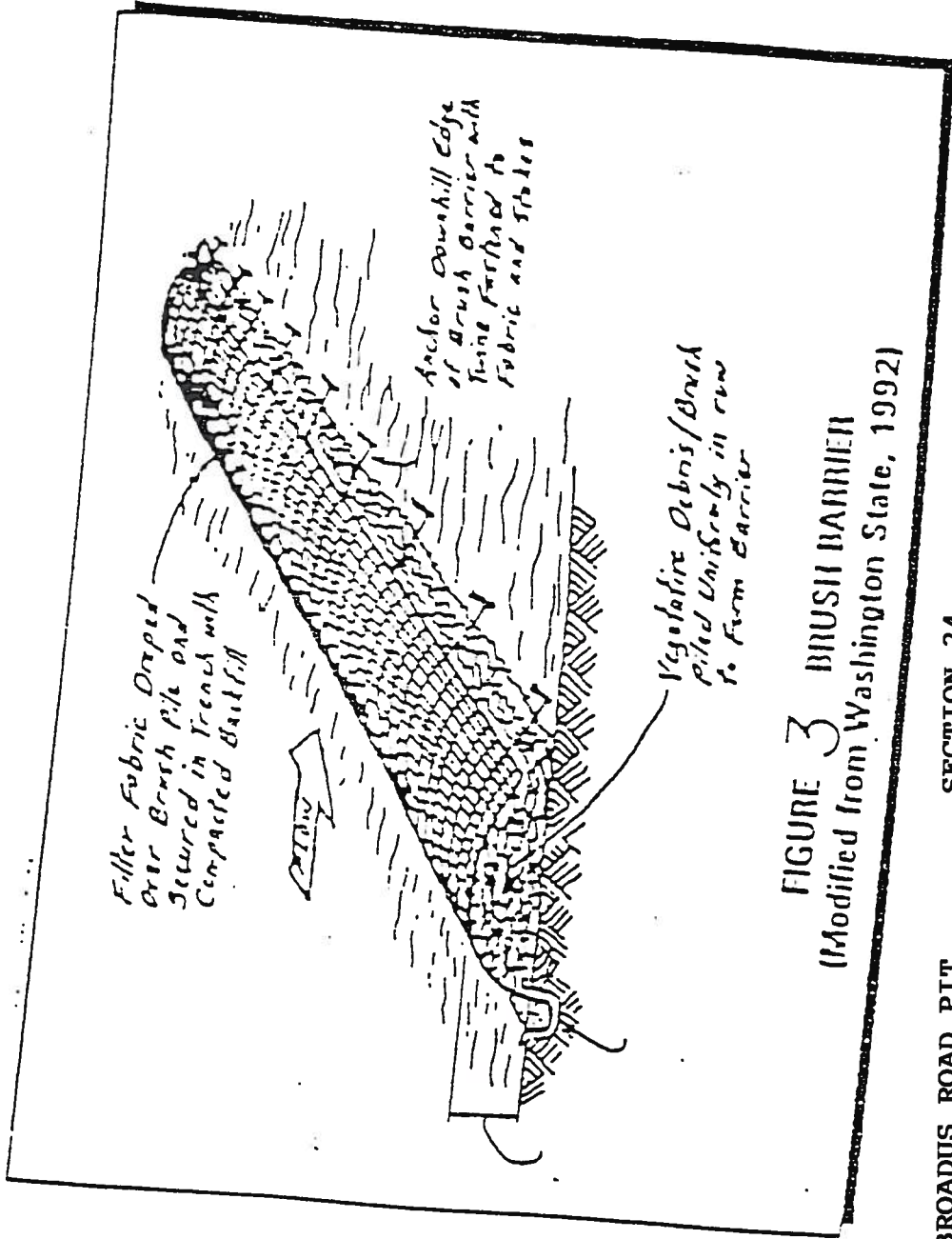


FIGURE 3 BRUSH BARRIER
 (Modified from Washington State, 1992)

BROADUS ROAD PIT
 SUCCESS QUADRANGLE
 40 ACRES

SECTION 24
 TOWNSHIP 5 SOUTH
 RANGE 11 WEST

STORM WATER
 POLLUTION CONTROL PLAN

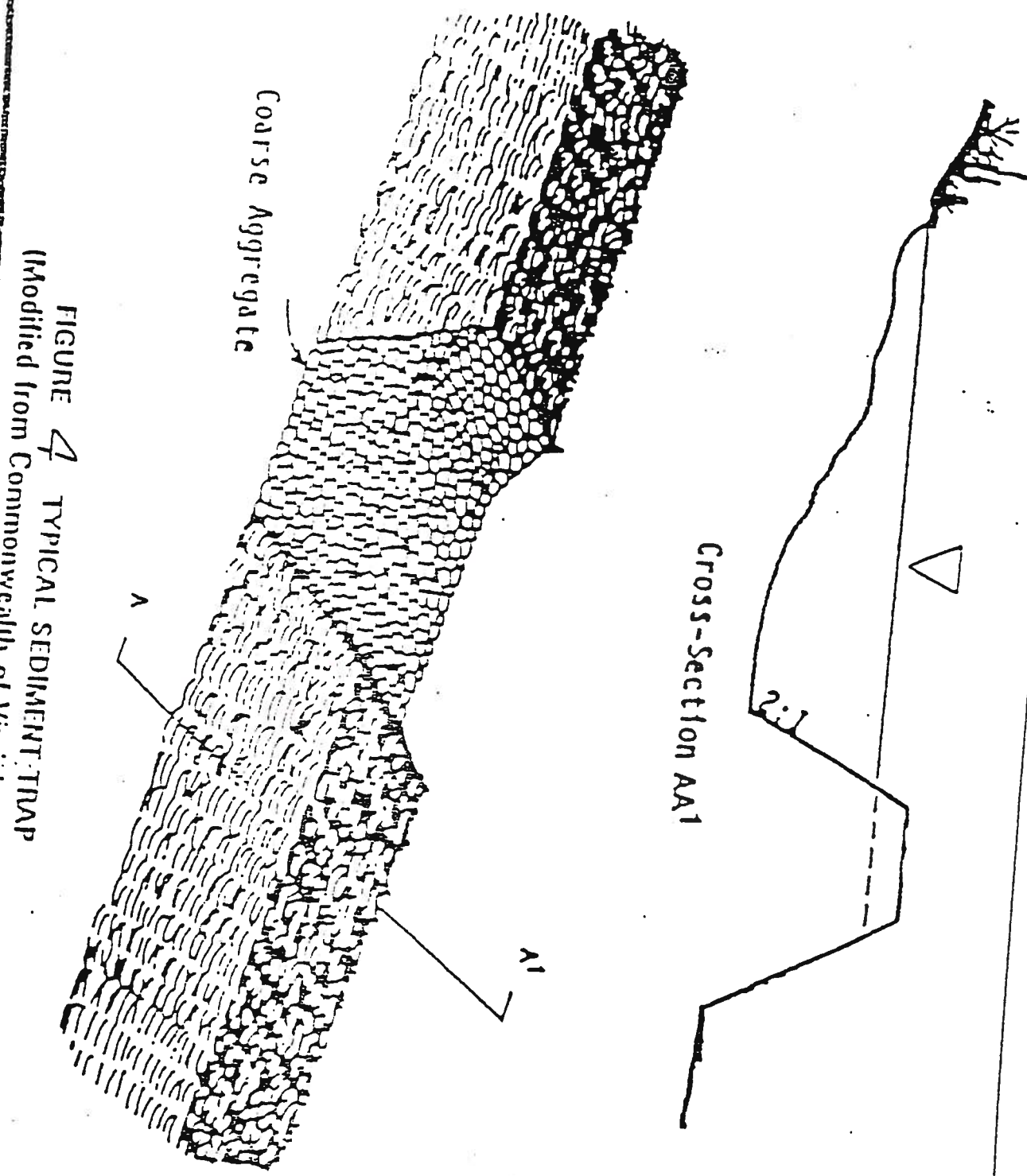


FIGURE 4 TYPICAL SEDIMENT TRAP
 (Modified from Commonwealth of Virginia, 1980)

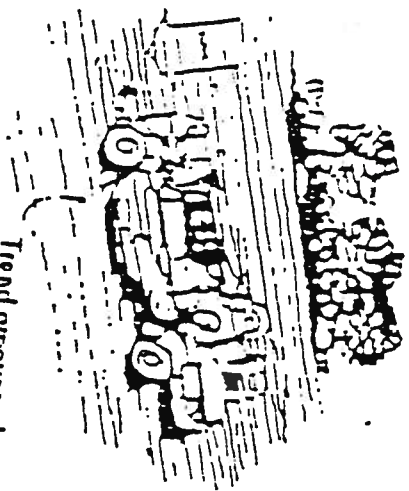
BROADUS ROAD PIT
 SUCCESS QUADRANGLE
 40 ACRES

SECTION 24
 TOWNSHIP 5 SOUTH
 RANGE 11 WEST

STORM WATER
 POLLUTION CONTROL PLAN

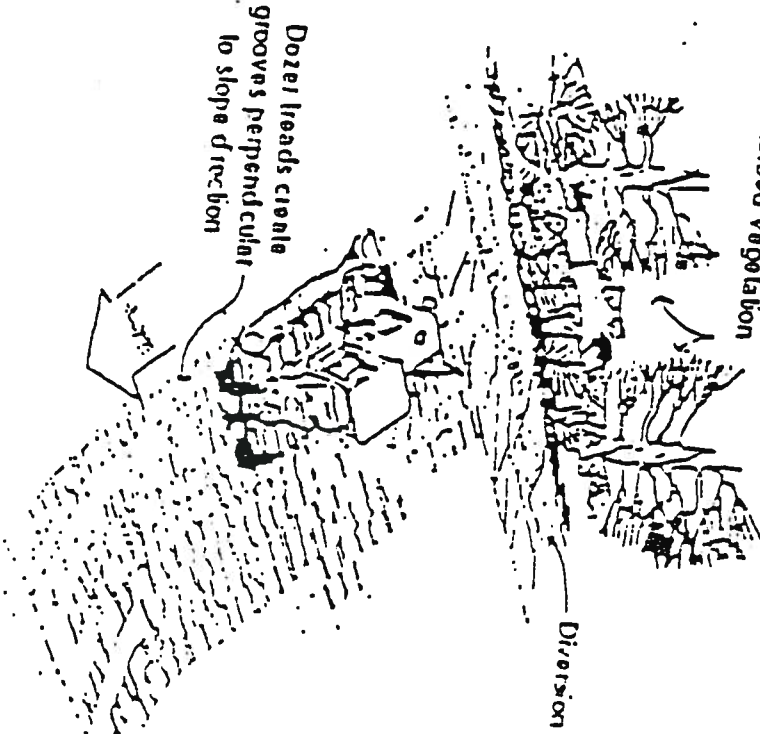
Heavy Equipment can be used to mechanically scarify slopes

Undisturbed Area



Trend grooves of track perpendicular to slope direction

Undisturbed Vegetation



Dozer leads create grooves perpendicular to slope direction

Diversion

Unvegetated slopes should be temporarily scarified to minimize runoff velocities

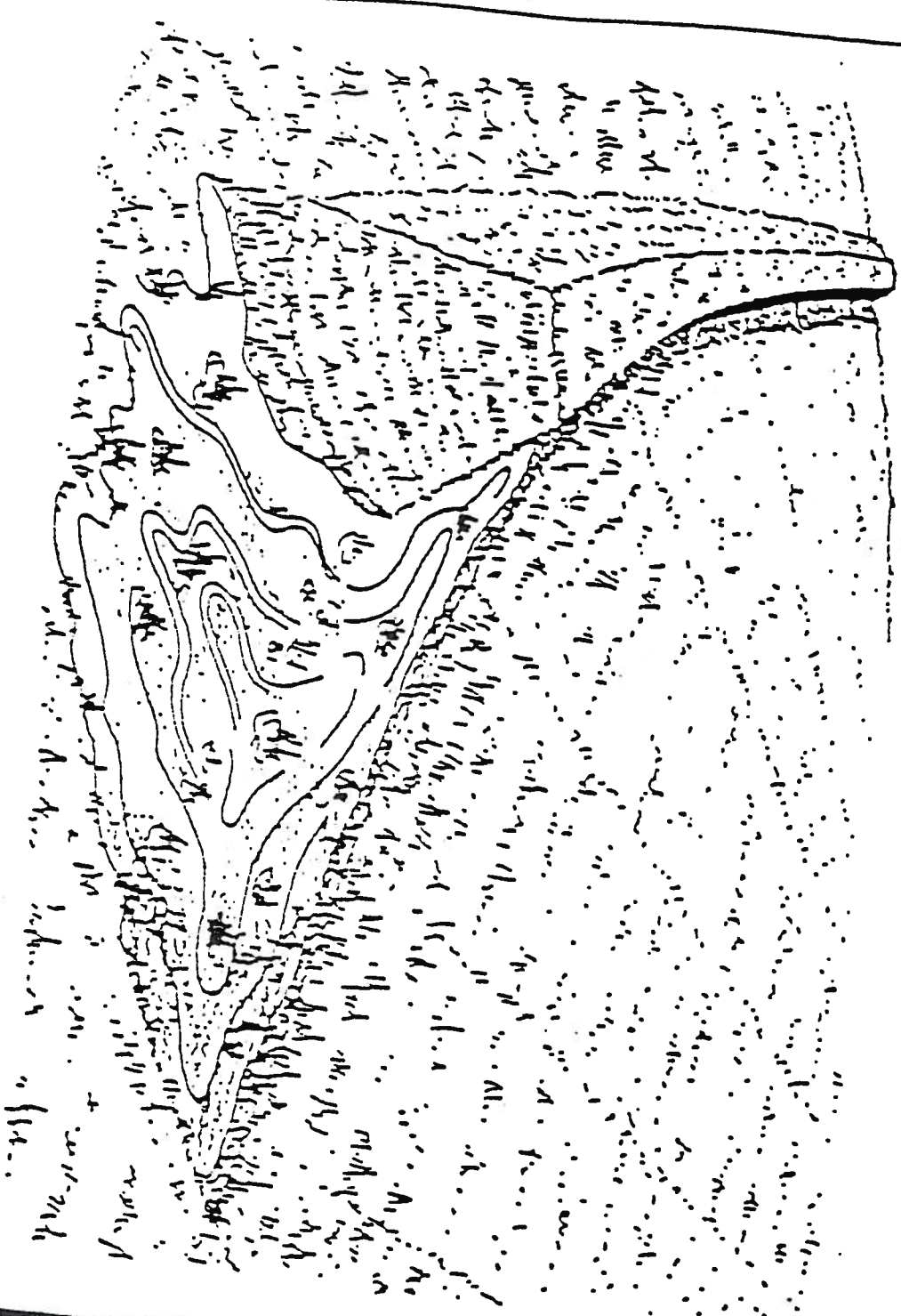
FIGURE 5 SURFACE ROUGHENING (Modified)

BROADUS ROAD PIT
SUCCESS QUADRANGLE
40 ACRES

SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

STORM WATER
POLLUTION CONTROL
PLAN

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



BROADUS ROAD PIT
SUCCESS QUADRANGLE
40 ACRES

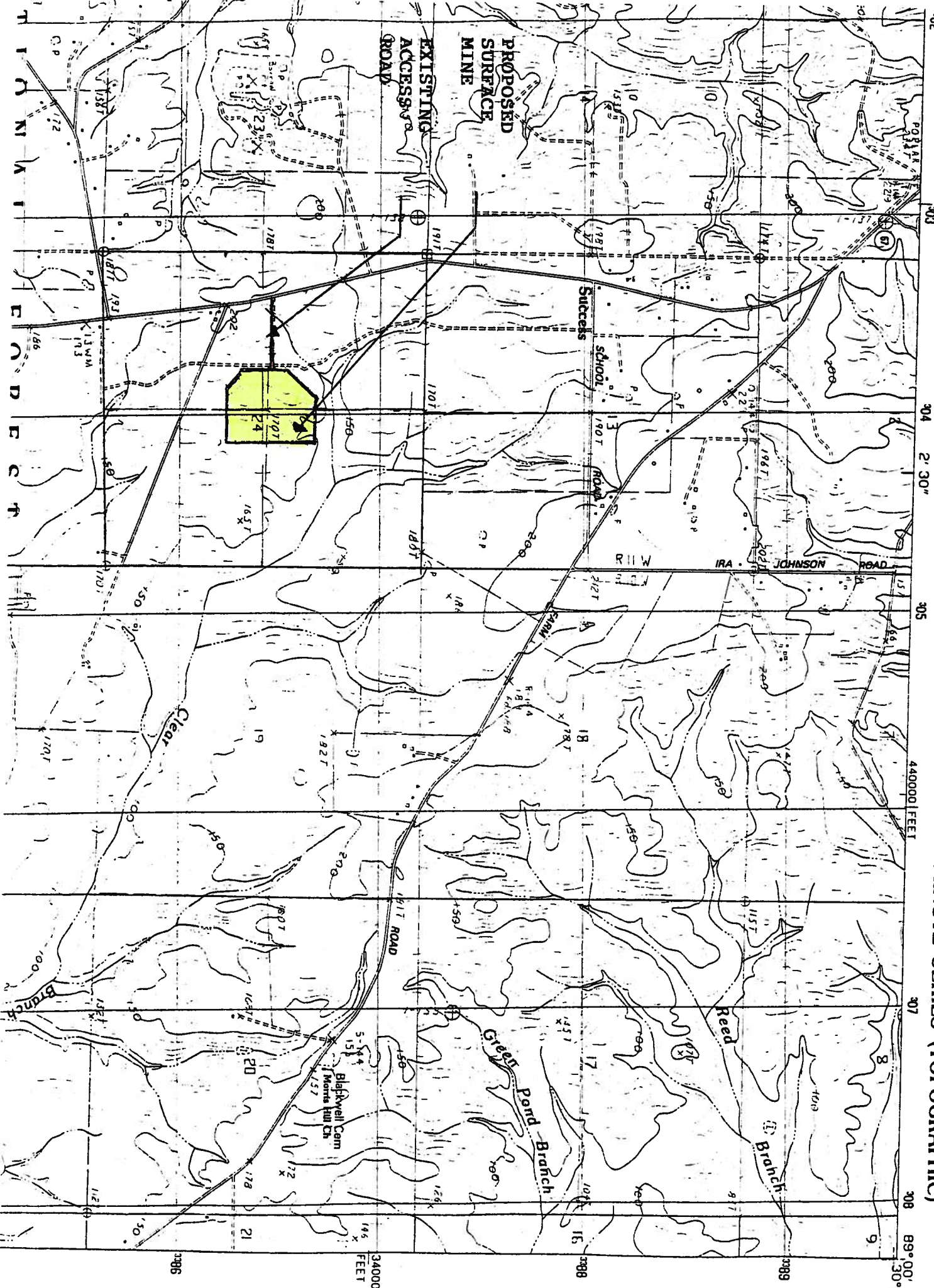
SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

STORM WATER
POLLUTION
CONTROL PLAN

SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

BROADUS ROAD PIT
SUCCESS QUADRANGLE
40 ACRES

SUCCESS QUADRANGLE
MISSISSIPPI-HARRISON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



T I N I
E N D E C T
302 303 304 305 307 308

302 303 304 305 307 308

3985 34000 FEET 3988 3989 89° 00' 30"

Broadus Road Pit Success Quadrangle

UPI — SHEET NUMBER 10



Section 24
Township 5 South
Range 11 West

Proposed Surface Mine
Broadus Road Pit
40 Acres



Success Quadrangle
Section 24
Township 5 South
Range 11 West

SITE PLAN

LEGEND & NOTES

PERMIT AREA:



FLOOD ZONE:

THIS AREA IS NOT LOCATED IN A FLOOD ZONE ACCORDING TO THE FEMA FLOOD ZONE MAP

EXISTING SURFACE DRAINAGE:



TOTAL PERMIT AREA 40 ACRES

SUCCESS QUADRANGLE SECTION 24 TOWNSHIP 5 SOUTH RANGE 11 WEST

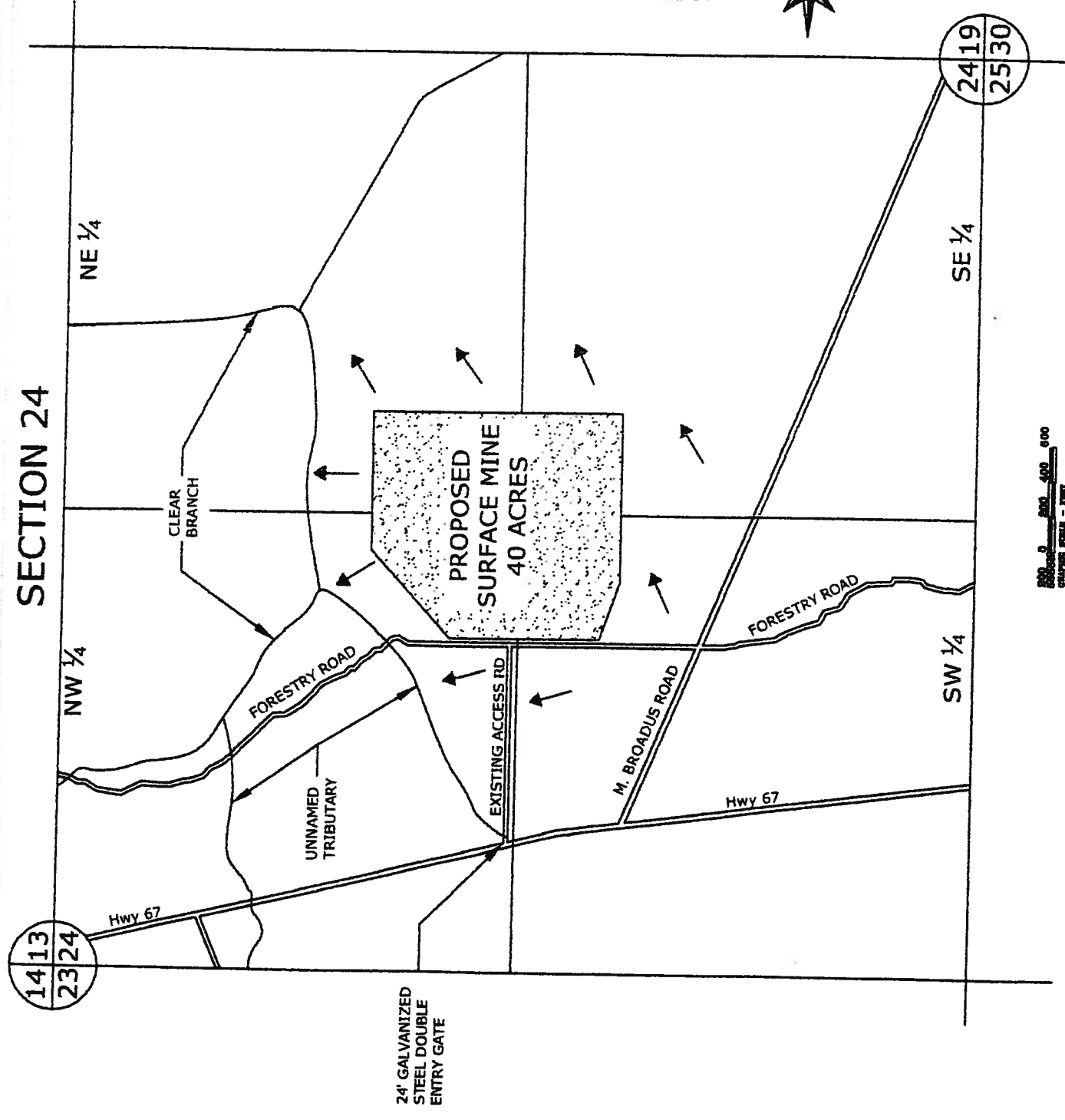
| No. | Project Number | Date |
|-----|----------------|------|
| | 2004-10-02 | |

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

BROADUS ROAD PIT
 M. BROADUS ROAD
 SAUCIER, MS 39574

M. R. ROUSE
 Oct. 5, 2004
 Scale As Noted

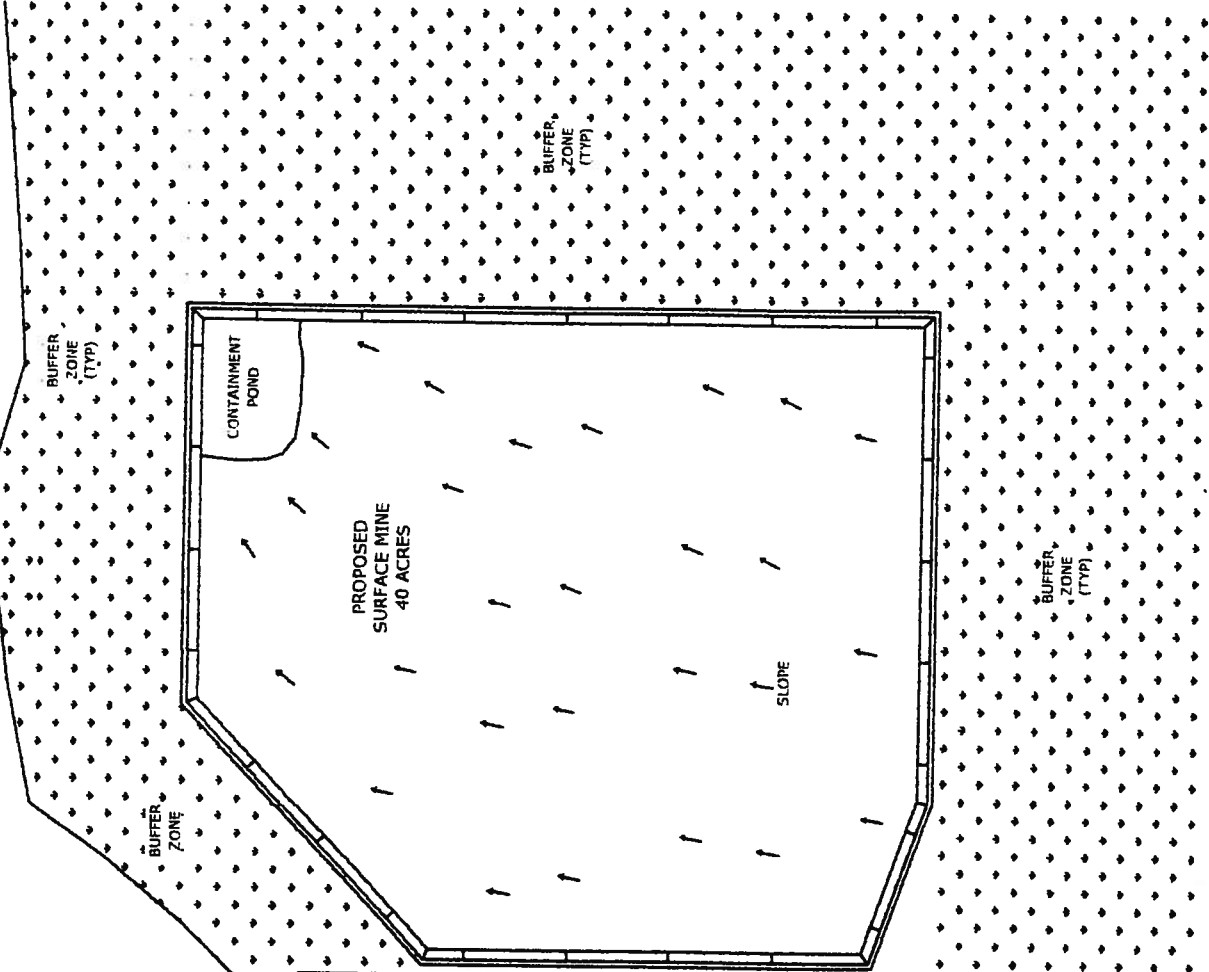
SECTION 24



800 0 200 400 600
 CALIPPER SCALE - FEET



CLEAR BRANCH



PERMIT AREA

LEGEND & NOTES

- SLOPE:
-
1. Proposed Surface Drainage
 2. Buffer Zone Surrounds Permit Area
 3. Access Road To Be Surfaced With 1 1/2" Crushed Limestone
 4. Maintain a Buffer Zone of 300' Between the Surface Mine & Streams
 5. Berm Is Not To Scale. A 3' X 3' Berm Will Be Maintained.

TOTAL PERMIT AREA
40 ACRES

SUCCESS QUADRANGLE
SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

| No. | Issuance/Revised | Date |
|-----|------------------|------|
| | 2004-10-02 | |

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

BROADUS ROAD PIT
M. BROADUS POAD
SAUCIER, MS 39574

M. R. ROUSE
Oct. 5, 2004
Scale As Noted



**RECLAMATION
DETAILS**

LEGEND & NOTES

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

**TOTAL PERMIT
AREA
40 ACRES**

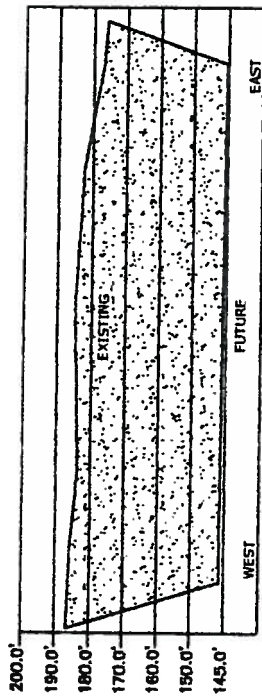
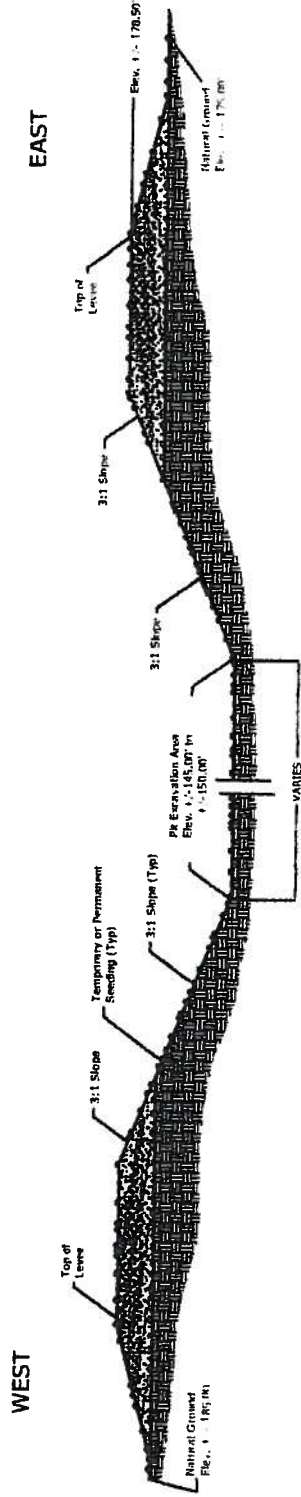
SUCCESS QUADRANGLE
SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

| No. | Project Number | Date |
|-----|----------------|------|
| | 2004-10-02 | |

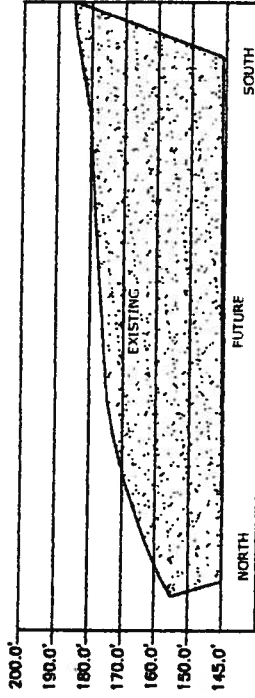
W. C. FORE, LLC.
P. O. BOX 3058
GULFPORT, MS 39505
(228) 863-1314

**BROADUS ROAD
PIT**
M. BROADUS ROAD
SAUCIER, MS 39574

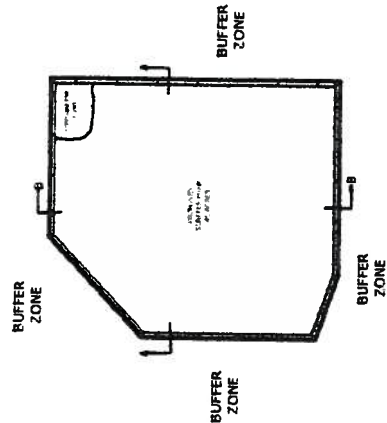
D-1
M. R. ROUSE
Oct. 5, 2004
Scale As Noted



SECTION A-A



SECTION B-B



WORTHAM ROAD SURFACE MINING PIT
MINE PERMIT AREA 40.02
ACCESS ROAD 0.62

TOTAL IMPACT AREA 40.64 ACRES

PROJECT SCOPE of WORK

**Broadus Road Pit
S24, T5S, R11W
Harrison County, Mississippi**

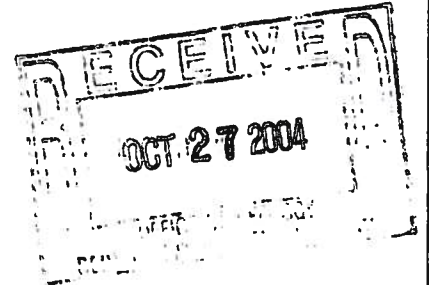


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1413
2324

SECTION 24

NW 1/4

NE 1/4

24' GALVANIZED
STEEL DOUBLE
ENTRY GATE

Hwy 67

Hwy 67

UNNAMED
TRIBUTARY

FORESTRY ROAD

M. BROADUS ROAD

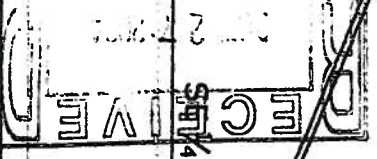
EXISTING ACCESS RD

CLEAR
BRANCH

PROPOSED
SURFACE MINE
40 ACRES

FORESTRY ROAD

SW 1/4



2419
2530



SITE PLAN

LEGEND & NOTES



FLOOD ZONE:
THIS AREA IS NOT LOCATED IN
A FLOOD ZONE ACCORDING TO
THE FEMA FLOOD ZONE MAP

EXISTING SURFACE
DRAINAGE:
←
←
←

TOTAL PERMIT
AREA
40 ACRES

SUCCESS QUADRANGLE
SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

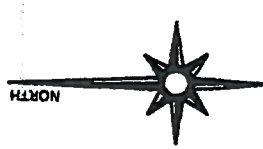
| | | |
|-----|----------------|------|
| Map | Project Number | Date |
| | 2004-10-02 | |

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

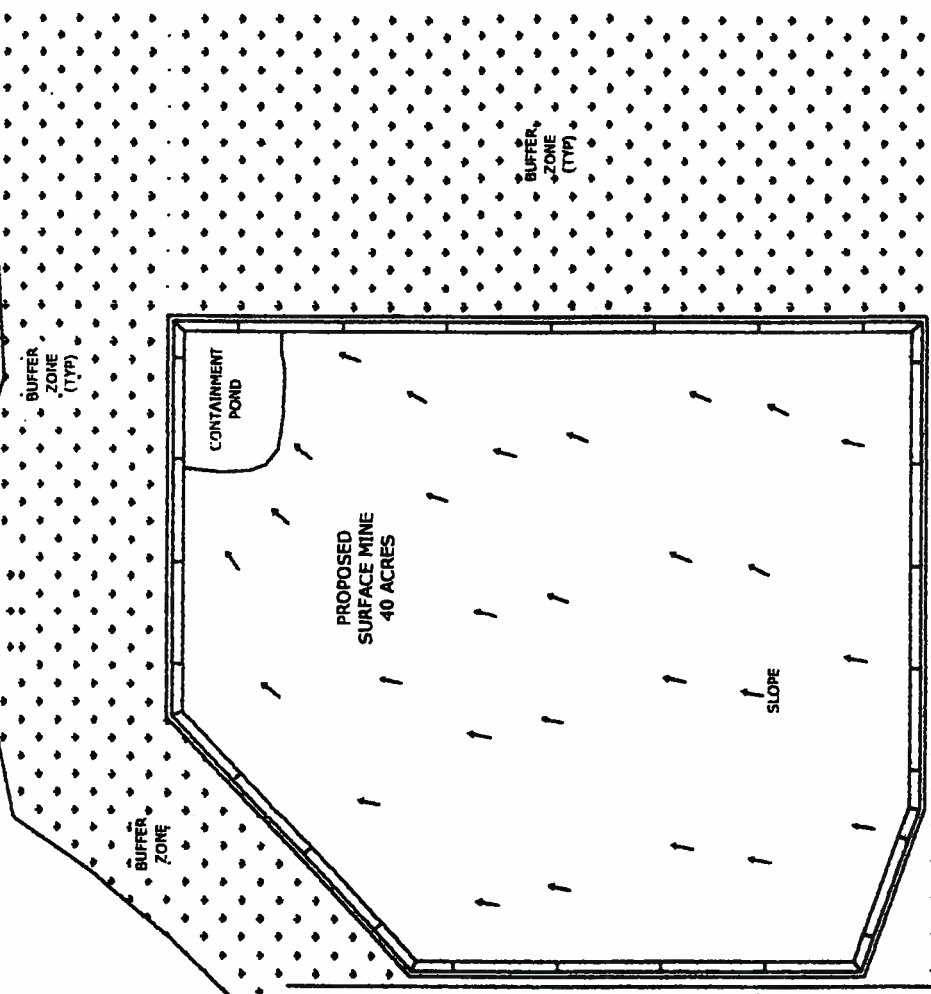
**BROADUS ROAD
PTT**
 M. BROADUS ROAD
 SAUCIER, MS 39574

Prepared by
M. R. ROUSE
 Oct. 5, 2004
 Scale As Noted

S-1



CLEAR BRANCH



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 & Streams
 - 5. Berm Is Not To Scale. A 3' X 3' Berm will Be Maintained.

TOTAL PERMIT AREA
40 ACRES

SUCCESS QUADRANGLE
SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST

| No. | Revisions/Notes | Date |
|-----|-----------------|------|
| | 2004-10-02 | |

W. C. FORE, LLC.
P. O. BOX 3058
GULFPORT, MS 39505
(228) 963-1314

BROADUS ROAD
PIT
M. BROADUS ROAD
SAUCIER, MS 39574

S-2
M. R. ROUSE
Oct. 5, 2004
Scale As Noted

RECEIVED
OCT 27 2004
OFFICE OF GEOLOGY
DEPT. OF ENVIRONMENTAL QUALITY



GRAPHIC SCALE - FEET

General Notes

RECLAMATION DETAILS

LEGEND & NOTES

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

**TOTAL PERMIT
AREA
40 ACRES**

**SUCCESS QUADRANGLE
SECTION 24
TOWNSHIP 5 SOUTH
RANGE 11 WEST**

| No. | Project Number | Date |
|-----|----------------|------|
| | 2004-10-02 | |

W. C. FORE, LLC.

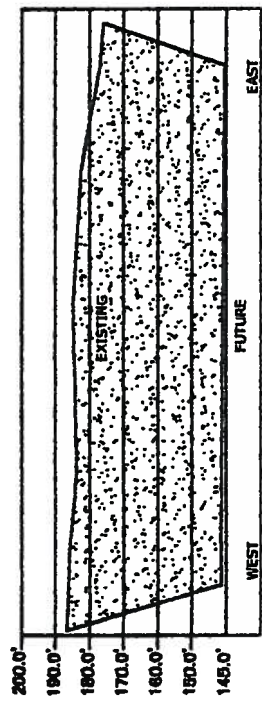
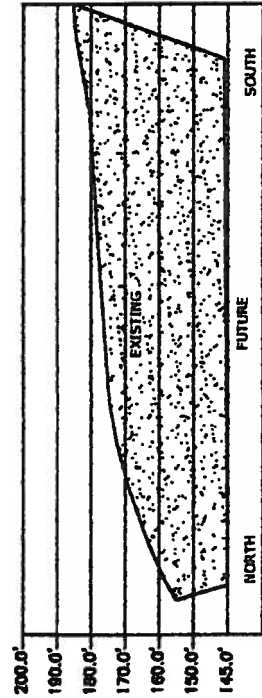
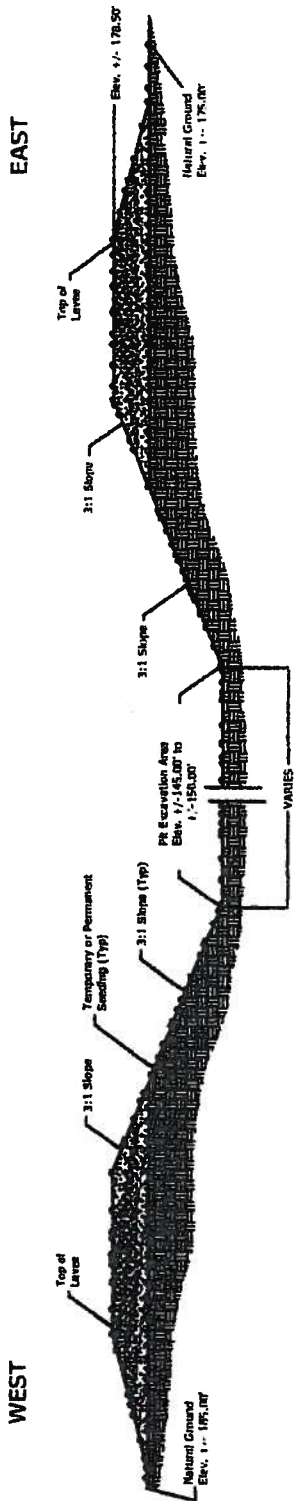
P. O. BOX 3058
GULFPORT, MS 39505
(228) 863-1314

**BROADUS ROAD
PIT**

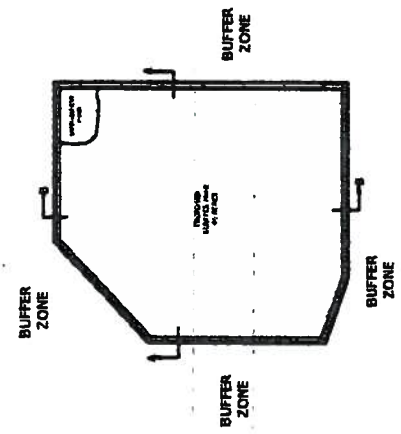
M. BROADUS ROAD
SAUCIER, MS 39574

M. R. ROUSE
Oct. 5, 2004
Scale As Noted

D-1



WORTHAM ROAD SURFACE MINING PIT
MINE PERMIT AREA 40.02
ACCESS ROAD 0.62
TOTAL IMPACT AREA 40.64 ACRES



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OFFICE OF GENERAL COUNSEL
DEPT. OF ENVIRONMENTAL QUALITY

SECTION 24

1413
2324

NW 1/4

NE 1/4

SITE PLAN

LEGEND & NOTES

PERMIT AREA:


FLOOD ZONE:
THIS AREA IS NOT LOCATED IN A FLOOD ZONE ACCORDING TO THE FEMA FLOOD ZONE MAP

EXISTING SURFACE DRAINAGE:


TOTAL PERMIT AREA 40 ACRES

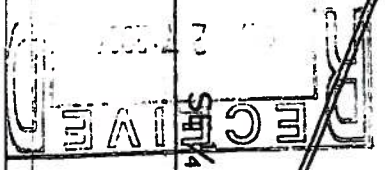
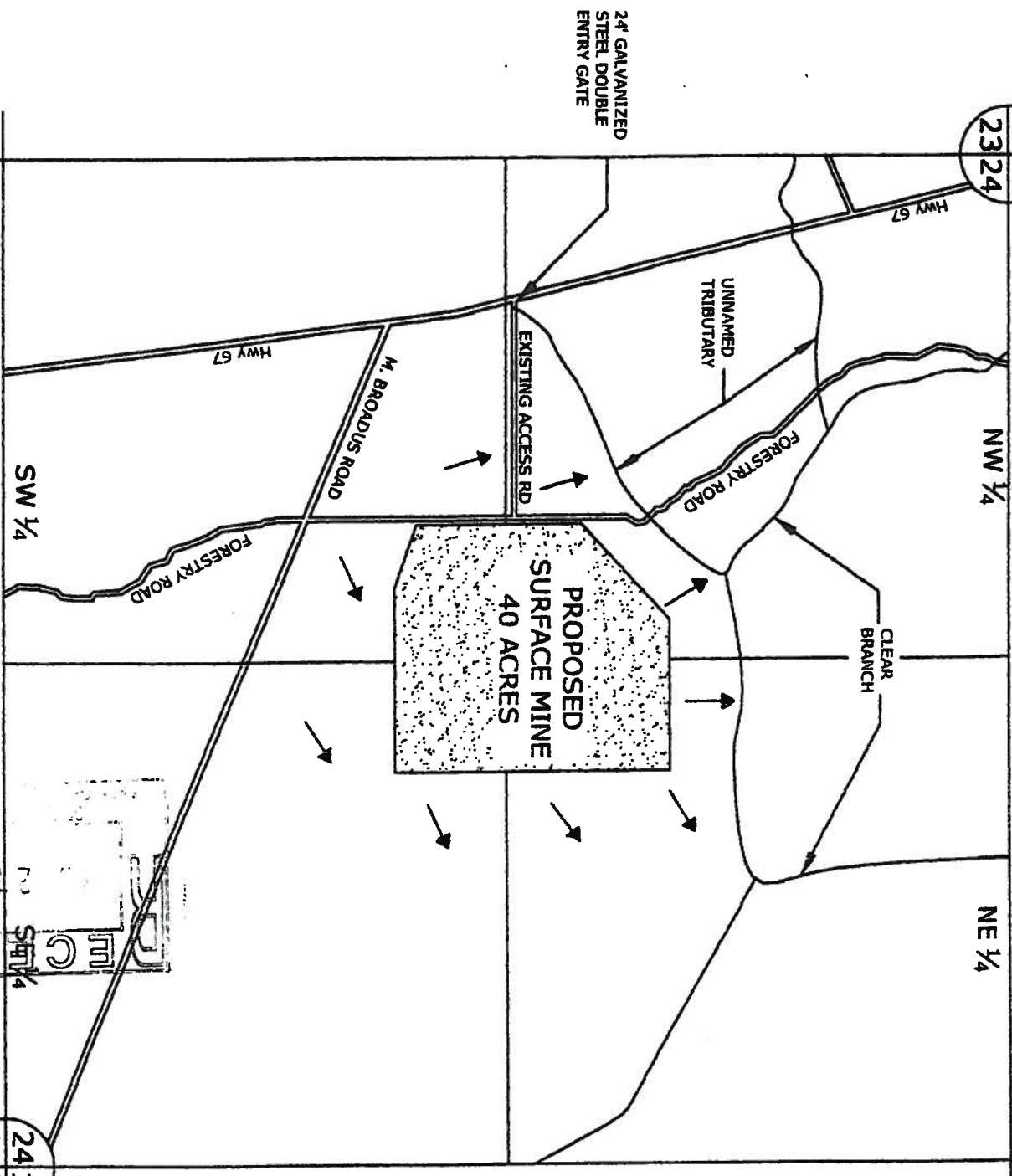
SUCCESS QUADRANGLE SECTION 24 TOWNSHIP 5 SOUTH RANGE 11 WEST

| No. | Project Number | Date |
|-----|----------------|------|
| | 2004-10-02 | |

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

BROADUS ROAD P/T
M. BROADUS ROAD
SAUCIER, MS 39574

S-1
M. R. ROUSE
Oct. 5, 2004
Scale As Noted



MW
1999
MR

SURFACE MINING PERMIT APPLICATION

A1541

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

Sauvier, ms

| | | | |
|----------------------|----------|-------|-------|
| City/County approval | Required | Yes | No |
| Received Date | ..... | ..... | ..... |
| County | ..... | ..... | ..... |
| City | ..... | ..... | ..... |

For Office use only

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: Broadus 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 1/4 - 1/4 SECTION.**

| | | | | |
|----------------|-----------|----------------|----------------|-----------------|
| <u>Success</u> | <u>24</u> | <u>5 South</u> | <u>11 West</u> | <u>Harrison</u> |
| Quadrangle | 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 Dredge
- Wash Operation, if so
Water Source
- Wash System Type
 Closed system Open system

7. Number of Acres to be Permitted:

Excavation 40.02

Haul roads, plant site, ponds,
storage piles, etc. 0.62

8. Is the Permit Area located: Yes No

- a. within 100 feet of a public road? Yes No
- b. within 100 feet of a cemetery? Yes No
- c. within 300 feet of an occupied building? Yes No
- d. within 25 feet of a property line Yes No

If this application is an amendment to expand an existing permit, number of additional acres to be permitted _____

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.

TOTAL PERMITTED AREA 40.64
acres

9. Materials to be Mined: Sand

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

| | | | |
|--|--|---------------------------------|--------------------------------|
| Operator: | <u>W. C. Fore, LLC</u> | Copy to Operator: | <u>Yes</u> |
| Application/Permit #: | <u>P05-005</u> | Acres: <u>46.4</u> | Inspection Type: <u>Annual</u> |
| Inspected By: | <u>Tom Ray</u> | Date: | <u>01-05-2005</u> |
| Location of Operation: | <u>NE 1/4 of SW 1/4; and NW 1/4 of SE 1/4; and SW 1/4 of NE 1/4; and SE 1/4 of NW 1/4 of Section 24, Township 5 South, Range 11 West, Harrison County, Mississippi</u> | | |
| Mining Status: | <u>Inactive</u> | <u>Not mined or cleared yet</u> | |
| Within Permit Limits? | <u>Yes</u> | | |
| Mining Without Permit? | <u>No</u> | | |
| Mining Within 300 Feet of Occupied Dwelling? | <u>No</u> | | |
| Mining Within 100 Feet of Right of Way? | <u>No</u> | | |
| Identification Sign: | | <u>NA</u> | |
| Monitor or Location Marker: | <u>Good</u> | | |
| Water Control: | <u>Adequate</u> | | |
| Sediment Pond: | | <u>NA</u> | |
| Sediment Runoff: | <u>Not Excessive</u> | | |
| Dam(s) to Pond(s) Present: | | | |

*W. C. Fore Trucking
 Harrison Co.
 AI 19999
 No stream within
 200 ft of right of way*

RECLAMATION

| | | |
|-------------------|--|-------------------------------|
| Progress: | <u>Adequate</u> | <u>12/11</u> |
| Plan Filed: | <u>Pond With 3 to 1 grassed slopes</u> | |
| Plan Implemented: | <u>None</u> | |
| Debris Disposal: | <u>Proper</u> | |
| Slopes: | <u>Natural</u> | <u>Horizontal to Vertical</u> |
| Slope Condition: | <u>Stable</u> | |
| Vegetative Cover: | <u>Good</u> | |

Comments: Area has not been mined or cleared yet. No problems or concerns were noted. Reclamation plan is feasible.

BR Status:

BR Recommendation:



1.

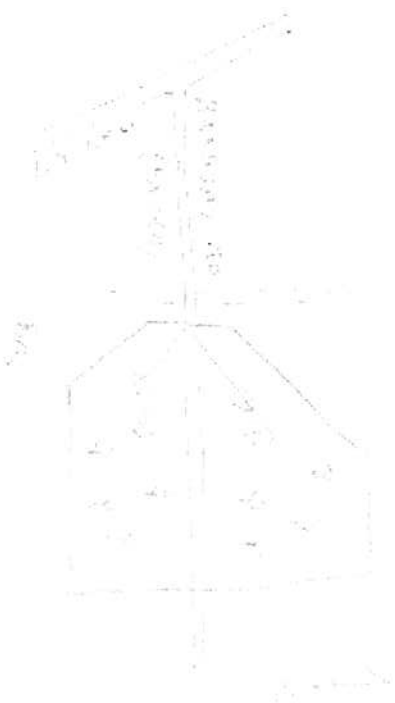
Picture page 1 of 1



2.



3300. 10000 401544



STORMWATER COMMENTS
W. C. FORE A 1541 "Broadus Road Pit" 1/5/05 Initial.

Site is a forested area on either side of a paved (Broadus Road) road. It has not been cleared or mined yet. I saw no storm water concerns this inspection.

TOM RAY, Inspector.

SURFACE MINING PERMIT APPLICATION

A1541

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

| | | |
|------------------------|-----|------|
| Other permits required | Y/N | Date |
| NIPDES | | |
| State Operating Permit | | |
| Corps of Engineers | | |

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

| | |
|----------------------|--|
| City/County approval | |
| Required | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| Received Date | |
| County | |
| City | |

For Office use only

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: Broadus 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.**

Success Quadrangle 24 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 Dredge
- Wash Operation, if so
Water Source
- Wash System Type
 Closed system Open system

7. Number of Acres to be Permitted:

Excavation 40.02

Haul roads, plant site, ponds, storage piles, etc. 0.62

If this application is an amendment to expand an existing permit, number of additional acres to be permitted _____

TOTAL PERMITTED AREA 40.64
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

PROJECT NARRATIVE

Project Description

The purpose of this application is to allow W. C. Fore, LLC, Gulfport, Mississippi, the property owner and operator, to create a surface mining site for a total mining area of 40.0 acres.

The project site known as the **Broadus Road Pit** consists of encompassing a total of 40.0 acres, which is located in Harrison County, Mississippi, 1 mile south of Success, Mississippi. This does not include the existing haul road with ingress from Highway 67. The proposed surface mining pit is approximately:

- 500 feet north of M. Broadus Road,
- 1,100 feet west of Highway 67
- 1 mile south of School Road.
- 300 feet south of Clear Branch.

This area outside the perimeter of the proposed pit will be dedicated as a vegetative buffer zone. Only the vegetative buffer zones will abut the roads.

Site Description: Pre-Construction

The site has a rolling topography with slopes generally 2 to 5 percent. Slopes steepen in the northerly portion of Section 24. The proposed surface mining site will occupy the area that is depicted as elevation +/-185 on the attached topographic map (Success Quadrangle). The mining property has a number of forestry roads, dirt roads and dirt trails interlaced throughout. These dirt roads extend onto the adjoining lands that make up Section 24 towards the eastern right-of-way of Highway 67 and to the north. Some areas of the proposed site appear to have been clear-cut. The balance of the project site is grown over with vegetation and pine trees. Since the site will occupy, in what appears to be the highest point in the area, storm water will follow its natural watercourse.

Site Description: Construction and Post-Construction

The surface mining pit shall be constructed incrementally in the west to east direction. Each incremental phase will consist of the following activities:

- a. Clearing and stripping
- b. Construct containment levee from overburden
- c. Mining
- d. Groundwater/stormwater control
- f. Erosion control, as required

While each phase is being constructed, the balance of the pit will remain in its natural, undisturbed state. Drainage from these undisturbed areas will follow its

natural watercourse. Subsequent phases of construction and mining shall be accomplished by the same method.

Clearing and excavation of the surface mining pit mining will be in a west to east direction. The topsoil shall be removed and stockpiled. The stockpiled topsoil will be used to plate the disturbed areas and the slopes to enhance vegetative growth. 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. No stormwater will leave the pit into unnamed tributaries and Clear Creek.

The general configuration and construction techniques of the surface mining area has been arranged to minimize any impact to the adjacent lands

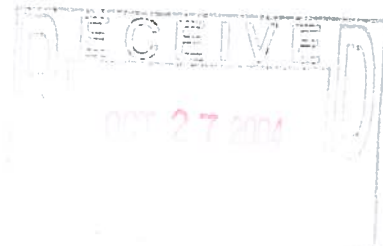
There will be no dredging performed at this surface mining pit location. All mining activities shall be accomplished by a tracked excavator with a 5 cubic yard bucket. Ground water and incidental rainwater, in the pit, shall be controlled by grade change to maintain a positive storm water flow in a northeasterly direction within the proposed surface mining pit.

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.

Our investigations indicate the greatest majority of the storm water generated by the untouched natural land area is generally in a northeast direction with the outfall to be eventually to its receiving stream, the Tuxachanie Creek. A small portion of surface stormwater, through natural watercourses will proceed in a southwest and westerly direction towards Highway 67. The proposed surface mining pit will have no discharges to the abutting lands. All storm water and ground surface 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 groundwater/stormwater from the excavation.

Adjacent Property

Existing land use of the proposed Broadus Road Pit and in the vicinity is generally zoned "Farming and Undeveloped Land". The land immediately to the west of Highway 67 west right-of-way is generally zoned "Residential and Residential Mobile home".



Areas generally surrounding the proposed surface mining pit to the north and east are zoned Farming and Undeveloped Land and are undeveloped, heavily grassed and wooded

Soils

The soil, as determined by the Soil Survey of Harrison County, Mississippi prepared by the U. S. Department of Agriculture, Soil Conservation Service and Forestry Service, issued 1975 for the project area, is mapped in the soil survey as McLaurin, a fine sandy loam. The surface layer topsoil and overburden is about 6 inches thick. The topsoil that exists on-site shall be stockpiled for use in plating the berms and slopes. Levee and berm construction will utilize excavated overburden.

Planned Erosion, Sediment, and Stormwater Control Practices

Mine development will proceed in a 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. Disturbed areas will be stabilized where applicable by temporary seeding, permanent seeding, mulching and/or vegetative buffer strips.

1. Containment Pond

A containment pond will be constructed within the northeast corner of the proposed pit property. All water from disturbed areas will be directed to the containment pond. No water shall leave the mining site. The undisturbed areas to the west, south, east and north shall follow its natural drainage course.

2. Construction Entrance

The entire existing construction entrance, west to the east right-of-way of Highway 67 will be widened to 24 feet and overlaid with 6" of crushed limestone. This will provide an all-weather stabilized surface for ingress and egress. This will also preclude the depositing of tracked materials on Highway 67 by traffic egressing from the surface mining pit.

3. Tree Preservation and Protection

The existing vegetative makeup of the proposed surface mining pit area consists mainly of grass and slash pines. No trees located in the buffer zone shall be cut.

4. Buffer Zone

A vegetative buffer zone will be maintained on the west perimeter abutting Highway 67 and will be maintained in its natural state along with the buffer zones to the north, east and to the south. The undisturbed buffer zones will be maintained. This will reduce water and wind erosion, help contain sediment, reduce dust and provide noise abatement.

5. Surface Roughening

The 3:1 cut slopes will be lightly roughened by disking just prior to vegetating.

6. Silt Fence

A silt fence will be constructed as necessary to prevent sediment from entering the waterways.

7. Dust Control

Dust control is not expected to be a problem due the undisturbed perimeter around the site. Should excessive dust be generated, it will be controlled by watering and sprinkling with a water truck designed for such a purpose.

8. Temporary Seeding

Temporary seeding will be used according to the vegetative plan whenever disturbed areas are to be unworked for more than 30 days.

9. Permanent Seeding

All disturbed areas will be permanently seeded once final grade is obtained.



Proposed Surface Mine
Broadus Road Pit
40 Acres



Success Quadrangle
Section 24
Township 5 South
Range 11 West

OCT 21 2004

Broadus Road Pit
Success Quadrangle

OCT 27 2004

TP1 — SHEET NUMBER 10



Section 24
Township 5 South
Range 11 West