

Permit No. _____

STATE OF MISSISSIPPI

Application No. _____

SURFACE MINING PERMIT APPLICATIONMISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY / MINING & RECLAMATION DIVISION

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

P. O. Box 2279
Jackson, Mississippi 39225-2279
(601) 961-5515
Fax (601) 961-5521

For Office use only

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

A. GENERAL INFORMATION

- Name of Applicant: _____
Mailing Address: _____
E-mail Address: _____
Phone No. _____ Fax No. _____
Authorized Representative _____
- Engineering Firm, Consultant, etc.: _____
Mailing Address: _____
E-mail Address: _____
Phone No. _____ Fax No. _____
- Name of Mine: _____ Mine Supervisor: _____
Phone No. _____ Fax No. _____
- Location of Operation (to nearest quarter-quarter section):

Section Township Range County
- Physical address of mine or nearest named road _____
- Method of Operation ☐ Open Pit ☐ Strip ☐ Dredge ☐ Wash Operation, if so Water Source _____
Wash System Type ☐ Closed system ☐ Open system
- Number of Acres to be Permitted:**
Excavation _____
Haul roads, plant site, ponds, storage piles, etc. _____
TOTAL PERMITTED AREA _____
- 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? ____ ____

If YES to a, b, or c, 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.
- Materials to be Mined: _____

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 _____ ft.
(Topsoil MUST be stockpiled
for use during reclamation)
Thickness of useable material _____ ft.
Total depth of excavation _____ ft.
Estimated annual production _____ tons | 2. Anticipated Schedule (month/year)
Begin clearing _____/_____
Begin mining _____/_____
Complete mining _____/_____
Begin reclamation _____/_____
Complete reclamation _____/_____

5. Types of erosion control structures that will be utilized.
<table border="0"><tr><td><input type="checkbox"/> Settling ponds</td><td><input type="checkbox"/> Drainage ditches</td></tr><tr><td><input type="checkbox"/> Diversion berms</td><td><input type="checkbox"/> Terraced slopes</td></tr><tr><td><input type="checkbox"/> _____</td><td><input type="checkbox"/> _____</td></tr></table> | <input type="checkbox"/> Settling ponds | <input type="checkbox"/> Drainage ditches | <input type="checkbox"/> Diversion berms | <input type="checkbox"/> Terraced slopes | <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Settling ponds | <input type="checkbox"/> Drainage ditches | | | | | | |
| <input type="checkbox"/> Diversion berms | <input type="checkbox"/> Terraced slopes | | | | | | |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ | | | | | | |
3. Depth to ground water: _____ ft.
4. How will dust be controlled?
☐ Water on haul roads
☐ _____
6. Describe the land to be affected by mining as it presently exists:
a. Land use _____ b. Predominant vegetation _____
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:
<input type="checkbox"/> Topsoil segregated <input type="checkbox"/> Mixed strata <input type="checkbox"/> _____ | 3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)
<input type="checkbox"/> slopes will be terraced
<input type="checkbox"/> sloped to a gradient of _____ to 1
<input type="checkbox"/> blended with surrounding contours
<input type="checkbox"/> _____ |
| 2. Describe the protection method for the stockpiled topsoil.
<input type="checkbox"/> berm around the storage pile
<input type="checkbox"/> grass cover on the pile (recommended)
<input type="checkbox"/> stored under a cover
<input type="checkbox"/> _____ | |

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: _____ tons per acre

fertilizer: ____ - ____ - ____ (type) _____ pounds per acre

b. For successive years prior to 100% release

fertilizer: ____ - ____ - ____ (type) _____ pounds per acre

when: _____ (month)

8. Describe the planting schedule:

Tree or Seed Species	Tree spacing or lbs./acre	Planting Season
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

D. NAMES AND ADDRESSES OF PERSONS AFFECTED BY THIS OPERATION

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

Name: _____	Name: _____
Address: _____	Address: _____
_____	_____
Phone: _____	Phone: _____

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

Name: _____	Name: _____
Address: _____	Address: _____
_____	_____
Phone: _____	Phone: _____
Name: _____	Name: _____
Address: _____	Address: _____
_____	_____
Phone: _____	Phone: _____

3. Person(s) living on permit area

Name: _____	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.

date

signature

printed name

title

