

Permit No. _____
A.I. No. _____

STATE OF MISSISSIPPI

Application No. _____

APPLICATION TO AMEND AN EXISTING PERMIT

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

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

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

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

For Office use only

A. GENERAL INFORMATION

Existing Permit No. _____ Current Acreage _____

1.. Name of Applicant: _____
Mailing Address: _____
E-mail Address: _____
Phone No. _____ Fax No. _____
Authorized Representative _____

2. Engineering Firm, Consultant, etc.: _____
Mailing Address: _____
E-mail Address: _____
Phone No. _____ Fax No. _____

3. Name of Mine: _____ Mine Supervisor: _____
Phone No. _____ Fax No. _____

4. Location of Operation (to nearest quarter-quarter section):
_____ Section Township Range County

5. Physical address or nearest named road _____

6. Type of Amendment

Amendment to Expand Operation Amendment not involving an acreage change

7. Method of Operation

Open Pit Strip Dredge Wash Operation, if so Water Source _____
Wash System Type Closed system Open system

8. Acres of new excavation → _____
New haul roads, plant site,
storage piles, etc. → _____
Total new acreage → _____
Number of acres already permitted → _____
Total acres for amended permit → _____

Materials to be mined _____

9. 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.

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: | 2. Anticipated Schedule (month/year) |
| Thickness of overburden _____ ft.
(Topsoil MUST be stockpiled for use during reclamation) | Begin clearing _____/_____ |
| Thickness of useable material _____ ft. | Begin mining _____/_____ |
| Total depth of excavation _____ ft. | Complete mining _____/_____ |
| Estimated annual production _____ tons | Begin reclamation _____/_____ |
| | Complete reclamation _____/_____ |
-
- | | |
|--|---|
| 3. Depth to ground water: _____ ft. | 5. Types of erosion control structures that will be utilized. |
| 4. How will dust be controlled? | <input type="checkbox"/> Settling ponds <input type="checkbox"/> Drainage ditches |
| <input type="checkbox"/> Water on haul roads | <input type="checkbox"/> Diversion berms <input type="checkbox"/> Terraced slopes |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |
-
6. Describe the land to be affected by mining as it presently exists:
- | | |
|-------------------|---------------------------------|
| a. Land use _____ | 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:
- Topsoil segregated Mixed strata _____
-
- | | |
|--|--|
| 2. Describe the protection method for the stockpiled topsoil. | 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"/> berm around the storage pile | <input type="checkbox"/> slopes will be terraced |
| <input type="checkbox"/> grass cover on the pile (recommended) | <input type="checkbox"/> sloped to a gradient of _____ to 1 |
| <input type="checkbox"/> stored under a cover | <input type="checkbox"/> blended with surrounding contours |
| <input type="checkbox"/> _____ | <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

