

Permit No. **P06-033AA**

STATE OF MISSISSIPPI

Application No. **A1613AA**

A.I. No. _____

APPLICATION TO AMEND AN EXISTING PERMIT

AI#24100

**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. P06-033A Current Acreage 308

1. Name of Applicant: Standard Construction Company
Mailing Address: P.O. Box 38289 Germantown, TN 38183
E-mail Address: harrisonh@stdconst.com
Phone No. 901-754-5181 Fax No. 901-753-4935
Authorized Representative _____

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

3. Name of Mine: Nichols Mine Supervisor: Harrison Hunt
Phone No. 901-754-5181 Fax No. 901-753-4935

4. Location of Operation (to nearest quarter-quarter section):
13 2 5 Marshall
Section Township Range County

5. Physical address or nearest named road 1338 Hwy 309 Byhalia, MS

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 → 22.08
New haul roads, plant site,
storage piles, etc. → 20*
Total new acreage → 42.08

Number of acres already permitted → 308
Total acres for amended permit → 350.08

Materials to be mined sand & gravel

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? _____ ☒

RECEIVED

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 X No

If "YES," list them in the space provided on page 5, or attach separate pages, and give the current status of each, including any violations or penalties.

B. MINING PROCEDURE AND ENVIRONMENTAL ANALYSIS

- | | |
|--|--------------------------------------|
| 1. Description of materials: | 2. Anticipated Schedule (month/year) |
| Thickness of overburden <u>20</u> ft.
(Topsoil MUST be stockpiled
for use during reclamation) | Begin clearing <u>9 / 18</u> |
| Thickness of useable material <u>25</u> ft. | Begin mining <u>1 / 19</u> |
| Total depth of excavation <u>45</u> ft. | Complete mining <u>1 / 22</u> |
| Estimated annual production <u>300,000</u> tons | Begin reclamation <u>7 / 19</u> |
| | Complete reclamation <u>1 / 24</u> |
3. Depth to ground water: 85_+ ft.
4. How will dust be controlled?
- ☒ Water on haul roads
- ☐ conveyors will be used
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 mixed hardwoods & pasture b. Predominant vegetation mixed
7. Will explosives be used? Yes X No
8. Is test-boring data available? Yes X No
9. Are toxic materials likely to be encountered at any time? Yes X No
10. Will there be any discharge to local streams or other bodies of water? Yes X No

If any of questions 7-10 are answered "YES," provide additional information on page 5, or attach separate pages.

C. RECLAMATION PLAN

NOTE: It is suggested that the county NRCS office be consulted for specific recommendations on the following items.

1. Describe the soil handling technique for the reclamation phase of the operation:
- ☒ Topsoil segregated ☐ Mixed strata ☐ _____
2. Describe the protection method for the stockpiled topsoil.
- ☒ berm around the storage pile
- ☒ grass cover on the pile (recommended)
- ☐ stored under a cover
- ☐ _____
3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)
- ☒ slopes will be terraced
- ☒ sloped to a gradient of 3 to 1
- ☒ blended with surrounding contours
- ☐ _____

4. What is the general plan for reclamation?

- ☐ reforestation
☒ establish grass cover
☒ pond or lake
☐ _____

5. What planting method will be used?

- ☒ broadcast seed ☐ mechanical seeding
☐ seeding by manual labor
☐ _____

6. How will fertilizer and lime be applied and incorporated?

- ☐ harrowing ☒ broadcasting ☐ disking

7. Quantity of lime and fertilizer to be applied?

a. For initial planting

lime: _____ 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 2

approximate month(s) May, September, _____

☒ repairing gullies

☒ replanting eroded areas

☐ _____

11. How will debris be disposed of when the mine is finally closed?

- ☒ burying ☒ burning ☐ hauling away

12. Will a soil analysis be submitted for this site? Yes ☒ No

NOTE: available from the Cooperative Extension Service through the applicant's County Agent

13. Estimated cost per acre for reclamation of this site: \$1,000.00 (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: Deloris Mills
Address: 1319 Bubba Taylor Road
Byhalia, MS 38611
Phone: _____

Name: Maria Sturm
Address: 1273 Bubba Taylor road
Byhalia, MS 38611
Phone: _____

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

Name: Thadford Pratt
Address: 1267 Bubba Taylor Road
Byhalia, MS 38611
Phone: _____

Name: Lyde Hardy
Address: PO Bx 55
Brownsville, TN 38012
Phone: _____

Name: _____
Address: _____
Phone: _____

Name: _____
Address: _____
Phone: _____

3. Person(s) living on permit area

Name: _____
Address: _____
Phone: _____

Name: _____
Address: _____
Phone: _____

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

3-15-18
date

Harrison Hunt
signature

Harrison Hunt
printed name

Vice President
title

E. ADDITIONAL COMMENTS

[illegible]

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

Location

BYHALIA

HOLLY SPRINGS

POTTS CAMP

SCALE

0 1 2 3 4 miles

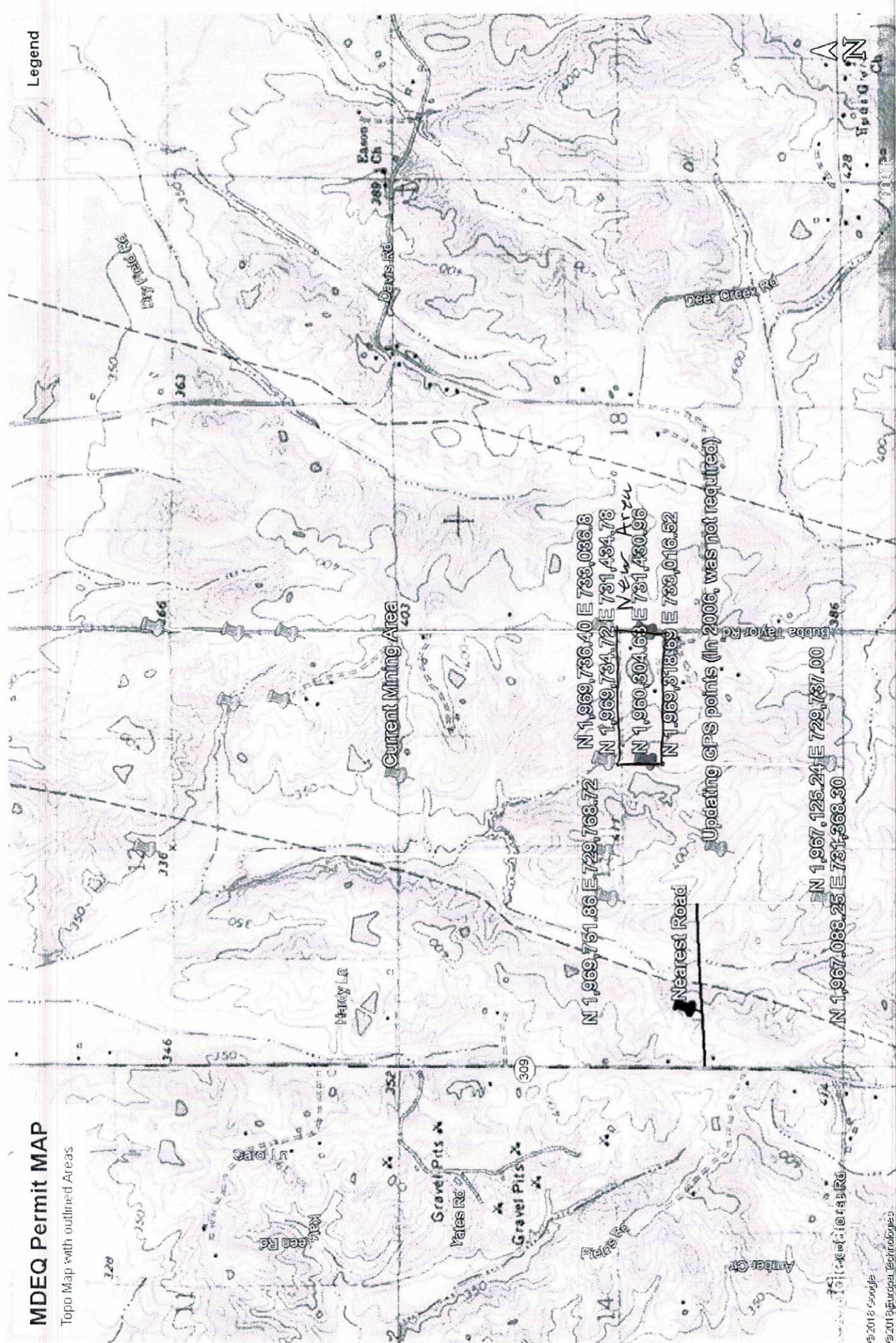
MISSISSIPPI

MARSHALL COUNTY
MISSISSIPPI

Topo Map with outlined Areas

Topo Map with outlined Areas

Legend



Updating GPS points (In 2006, was not required)

Nearest Road

N 1,967,125.24-E 729,737.00

N 1,967.088.25 E 731,368.30

Digitized by Google

MDEQ MAP

Legend

Rebecca Taylor Rd

Conveyor

Water drainage to previously mined area

Dirt Berm for later reclamation use (100 ft. off designated areas)



500 ft

MDEQ MAP

Legend

N ↑

Bullock Taylor Rd

Water drainage to previously mined area

Mining Phase 1 (1-2 years)

Mining Phase 2 (1-2 years)

Dirt Berm for later reclamation use (100 ft. off designated areas)



500 ft

MDEQ MAP

Legend



Water drainage to previously mined area



Reclamation phase 1 (1-2 years, while mining takes place)

Reclamation Phase 2 (1-2 years, while mining takes place)

Dirt Berm for later reclamation use (100 ft. off designated areas)



500 ft

N ↑

W-E

414

414

N 1,969,736.40 E 733,036.8

N 1,969,734.72 E 731,434.78

N 1,960,304.63 E 731,430.96

N 1,969,318.69 E 733,016.52

Reclaimed

400

414

Bubba Taylor Rd

Beagle Club Rd

N

MDEQ MAP

Legend

N ↑

N-S

Reclaimed

N 1,969,736.40 E 738,036.8

N 1,969,734.72 E 731,434.78

N 1,969,304.63 E 731,430.96

N 1,969,318.69 E 738,016.52

435

44

400

414

Bubba Taylor Rd

Rego-City Rd

N

1000 ft

MDEQ MAP

Legend

N ↑

N 1,969,736.40 E 733,036.8

N 1,969,318.69 E 733,016.52

N 1,969,734.72 E 731,434.78

N 1,960,304.66 E 731,430.96

Extend
Lake



Peage Club Rd