

FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCE MANAGEMENT  
BUREAU OF MINING AND MINERALS REGULATION  
2051 EAST PAUL DIRAC DRIVE  
TALLAHASSEE, FLORIDA 32310-3760

NOTICE OF INTENT TO MINE FULLER'S EARTH

INSTRUCTIONS: Complete the following and submit the original to the Bureau of Mining and Minerals Regulation at the above address. All additional documents required by this form shall meet the standards in section 62C-38.004, Florida Administrative Code.

I, \_\_\_\_\_, the undersigned authorized agent for the operator, \_\_\_\_\_, hereby notify the Secretary of the Department of Environmental Protection that said operator intends to begin fuller's earth mining operations at the \_\_\_\_\_ Mine.

In support of this notification, I offer the attached general information and conceptual reclamation plan.

\_\_\_\_\_  
Date Authorized Agent

GENERAL INFORMATION

1. Operator:
  - a. Name: \_\_\_\_\_
  - b. Street Address: \_\_\_\_\_
  - c. Mailing Address: \_\_\_\_\_
  - d. City, State & ZIP: \_\_\_\_\_
  - e. Telephone Number: \_\_\_\_\_ / \_\_\_\_\_ - \_\_\_\_\_
  
2. Parent Company, Corporation, etc.:
  - a. Name: \_\_\_\_\_
  - b. Street Address: \_\_\_\_\_
  - c. Mailing Address: \_\_\_\_\_
  - d. City, State & ZIP: \_\_\_\_\_
  - e. Telephone Number: \_\_\_\_\_ / \_\_\_\_\_ - \_\_\_\_\_
  
3. Mine:
  - a. Name: \_\_\_\_\_
  - b. Street Address: \_\_\_\_\_
  - c. Mailing Address: \_\_\_\_\_
  - d. City, State & ZIP: \_\_\_\_\_
  - e. Telephone Number: \_\_\_\_\_ / \_\_\_\_\_ - \_\_\_\_\_
  
4. Authorized Agent:
  - a. Name: \_\_\_\_\_
  - b. Title/Position: \_\_\_\_\_
  - c. Street Address: \_\_\_\_\_
  - c. Mailing Address: \_\_\_\_\_
  - d. City, State & ZIP: \_\_\_\_\_
  - e. Telephone Number: \_\_\_\_\_ / \_\_\_\_\_ - \_\_\_\_\_

5. Is the operator the sole owner of all land within the mine? YES NO

If no, attach a list that includes the names and addresses of all landowners other than the operator.

6. Date mining operations began or are to begin: \_\_\_\_\_  
month day year

7. County or counties within which the mine is located:  
\_\_\_\_\_

CONCEPTUAL RECLAMATION PLAN

PART I. GENERAL DISCUSSION OF MINING OPERATIONS AND RECLAMATION ACTIVITIES

1. Extraction will be completed upon approximately how many acres per year? \_\_\_\_\_
2. What is the estimated completion date for mining operations at this mine?  
(year or, if the mine life is less than two years, month and year) \_\_\_\_\_
3. To the best of your knowledge, are the reclamation activities consistent with all applicable local government ordinances at least as stringent as the criteria and standards contained in 62C-38.008, Florida Administrative Code? YES NO

If no, explain:

4. Will any large rocks or boulders, debris, litter, junk, worn-out or unusable equipment or materials remain after reclamation is completed that cannot be removed from the site or adequately buried? YES NO

If yes, explain the final disposition of each that will remain:

5. Will any temporary buildings, pipelines, or other man-made structures remain after reclamation is complete? YES NO

If yes, describe each that will remain and how it is compatible with the reclamation goals:

CONCEPTUAL RECLAMATION PLAN (CONTINUED)

PART I. GENERAL DISCUSSION OF MINING OPERATIONS AND RECLAMATION  
ACTIVITIES (continued)

6. Are any endangered or threatened species known to exist at the mine? YES NO

If no, was a survey ever done to determine this? YES NO

If yes, what measures will be undertaken to protect their habitat in areas that will not be mined or disturbed?

7. Will the reclaimed slopes of any final highwalls be steeper than three horizontal feet for each vertical foot? YES NO

If yes, attach a slope stability study prepared in accordance with subparagraph 62C-38.008(5)(a)2., Florida Administrative Code.

8. Describe the growing medium, or soil, that will be used for each type of vegetative community planned.

Nonforested Uplands:

Forested Uplands:

Nonforested Wetlands:

Forested Wetlands:

CONCEPTUAL RECLAMATION PLAN (CONTINUED)

PART I. GENERAL DISCUSSION OF MINING OPERATIONS AND RECLAMATION  
ACTIVITIES (continued)

9. Provide the species (common and scientific name), densities, and plant percentages for each type of vegetative community planned. Density may be stated as number/acre or pounds of seed/acre. Percent is the percent of the total number of plants that will be planted in each community.

<u>Common Name</u>	<u>Scientific Name</u>	<u>Planting Density</u>	<u>Percent</u>
Nonforested Uplands:			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Forested Uplands:			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Nonforested Wetlands:			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

CONCEPTUAL RECLAMATION PLAN (CONTINUED)

PART I. GENERAL DISCUSSION OF MINING OPERATIONS AND RECLAMATION  
ACTIVITIES (continued)

10. Identify what measures have been incorporated into the conceptual plan to offset fish and wildlife values lost as a result of mining activities.
11. Identify what special programs will be undertaken to restore, enhance, or reclaim particular habitats, especially those of endangered or threatened species that are identified as such by the Florida Fish and Wildlife Conservation Commission or the U.S. Fish and Wildlife Service.
12. Do you wish to designate specific areas within the mine as "Wildlife Areas?" YES    NO
- If yes, discuss any slope, revegetation, or erosion control requirements that you would like to have waived, if changes in these requirements will benefit the overall plan for the propagation of wildlife.
13. Are you requesting any exceptions to the criteria and standards in section 62C-38.008, Florida Administrative Code, because of experimental or innovative techniques? YES    NO
- If yes, discuss each exception and what experimental or innovative technique is associated with it.

CONCEPTUAL RECLAMATION PLAN (CONTINUED)

PART I. GENERAL DISCUSSION OF MINING OPERATIONS AND RECLAMATION  
ACTIVITIES (continued)

14. Are you requesting any temporary land uses as part of your plan? YES NO

If yes, describe each temporary land use, provide the estimated dates each use will be in effect, discuss what reclamation activities will be needed when each use ceases, and provide a time schedule for the completion of the reclamation activities.

PART II. PERMITS

List all permits known to be required which are related to reclamation, the permitting agency, and the current status of each permit. This notice should NOT be listed. Check Yes/No, fill in the blanks, and circle the appropriate letter, if a permit is required. "N" means not filed, "P" means pending, and "A" means approved. Provide the name of the county or city, if mining or reclamation permits are required.

Provide copies of any dredge and fill permits approved by the U.S. Army Corps of Engineers (USACOE) or the Florida Department of Environmental Protection (FDEP). The copies of the FDEP permits must include copies of the permit drawings stamped with the FDEP permit number. Also, provide a copy of the Application for Development Approval and the Development Order (ADA - DO), if applicable.

CONCEPTUAL RECLAMATION PLAN (CONTINUED)

<u>Required</u>		<u>Type of Permit</u>	<u>Permitting Agency</u>	<u>Status</u>		
<u>Yes</u>	<u>No</u>					
		_____	USACOE	N	P	A
		Dredge and Fill	FDEP	N	P	A
		Mining/Reclamation	County (_____)	N	P	A
		Mining/Reclamation	City (_____)	N	P	A
		Works of District	Water Management District	N	P	A
		ADA - DO	Dept. of Community Affairs	N	P	A
[X]		_____	_____	N	P	A
[X]		_____	_____	N	P	A
[X]		_____	_____	N	P	A
[X]		_____	_____	N	P	A
[X]		_____	_____	N	P	A

PART III. MAPS

Provide seven separate maps that are in accordance with the document format and standards in section 62C-38.004 Florida Administrative Code, and show the following:

1. Site Plan. Delineate the mine boundary on one map and provide the acreage of the total area within the mine boundary.
2. Premining Topography and Drainage. Provide a map that includes the mine boundary and the same type of information that would be found on a 1:24,000, U.S. Geological Survey map of the area. U.S. Geological Survey maps are acceptable and preferred.
3. Premining Vegetation. At a minimum, delineate the following categories and provide the acreage for each: forested uplands, nonforested uplands, roads, lakes, streams, forested wetlands, and nonforested wetlands.
4. Total Area to be Mined and Disturbed. Delineate the total area to be mined and disturbed. Delineate mined areas separately. This map shall also show the areas projected to be mined or disturbed through the end of the first calendar year in which the mine begins operating.
5. Overburden Thickness and Depth of Mining. These items may be represented by isopleths (lines of equal value, for example, contours) or enough points to generally depict this information.
6. Postreclamation Topography and Drainage. Provide the same information that would be typically found on U.S. Geological Survey topographic maps.

CONCEPTUAL RECLAMATION PLAN (CONTINUED)

7. Postreclamation Vegetation. At a minimum, delineate the following categories and provide the acreage for each: mixed-forest uplands, other forested uplands, nonforested uplands, roads, lakes, streams, forested wetlands, and nonforested wetlands.

PART IV. CROSS SECTIONS

Provide typical cross sections that are in accordance with the document format and standards in section 62C-38.004 Florida Administrative Code, show the following:

1. Premining Stratigraphy. Provide one cross section that is typical for the mine. At a minimum, show the overburden, fuller's earth, and underlying strata.
2. Design of Reclaimed Highwalls. At a minimum show slopes, the vegetation types, and the overburden, fuller's earth, and underlying strata. Provide one cross section for each proposed design.
3. Design of Reclaimed Wetlands and Water Bodies. At a minimum show slopes, the vegetation types, and the overburden, fuller's earth strata, and underlying strata. Provide one cross section for each proposed design.