

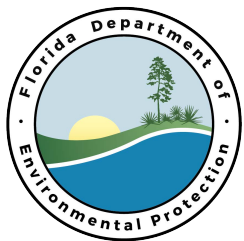


**Department of
Environmental Protection
Bureau of Mine Reclamation
2051 East Dirac Drive
Tallahassee, FL 32310-3760**

Application for a Conceptual Reclamation Plan or Modification

General Instructions: This form shall be used to comply with the requirements of Chapter 62C-16, F.A.C., for filing conceptual reclamation plans. Guidance in filling out the application may be obtained by contacting the Bureau of Mine Reclamation at the above address or by telephone at (850) 488-8217. Complete and submit this form as follows:

1. Fill in the blanks on pages 2, 3, 4, and 5 of this form and provide the appropriate signature.
2. Respond to each item in Parts III through VIII, using additional pages, as needed. Identify all responses by part and item number. Repeat the appropriate question or request and follow it with your response. All additional pages of text shall be in the standard format, include the heading ATTACHMENT in the upper right corner, and be numbered.
3. Provide the maps and aerial photographs requested in Part IX.
4. All maps, aerial photographs, drawings, cross sections, and additional pages of text shall comply with the application standards in section 62C-16.0036, F.A.C.. In addition, the standard format shall be 8½ X 11 with a 1” margin on all sides. Single spacing is preferred for text with double spacing between paragraphs and items.
5. Submit the original and four copies of pages 2, 3, 4, and 5 only of this form and all attachments to the Bureau of Mine Reclamation as follows:
 - a. The original shall be unbound, be of reproducible quality, and bear an original signature.
 - b. All maps, cross sections, or drawings that are larger than 8½” X 11” shall be submitted rolled rather than folded.
 - c. If any of the maps, cross sections, or drawings is larger than the standard format, provide at least one, good, reproducible copy at the standard format.
6. Use the Florida Land Use, Cover and Forms Classification System, Level II (DOT 1999) when identifying vegetation and land uses.
7. Provide a community assessment in accordance with the 26 Ecological Communities of Florida, Soil Conservation Service (February 1981).



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Part I. General Information

1. Operator

- a. Name: _____
- b. Mine: _____
- c. Business Address: _____
- d. Mailing Address: _____
- e. City, State, Zip: _____
- f. Telephone Number: _____

2. Applicant (Authorized Agent)

- a. Name: _____
- b. Title/ Position: _____
- c. Business Address: _____
- d. Mailing Address: _____
- e. City, State, Zip: _____
- f. Telephone Number: _____

3. Person to Contact Regarding Contents of Application

- a. Name: _____
- b. Title/Position: _____
- c. Business Address: _____
- d. Mailing Address: _____
- e. City, State, Zip: _____
- f. Telephone Number: _____

Part II. Application Summary

Provide the following information for the conceptual reclamation plan area.

1. Location and Acreage

- a. County: _____
- b. Acres: _____
- c. Total Acres: _____

2. Mining Operation Acreage

- a. Mined before 7/1/75 _____
- b. Mined from 6/30/75 to present _____
- c. To be mined _____
- d. Disturbed before 7/1/75 _____
- e. Disturbed from 6/30/75 to present _____
- f. To be disturbed _____
- g. To remain undisturbed _____
- h. Total _____

3. Status of Lands (in acres) Mined or Disturbed before 7/1/75

	In Use*	Unreclaimed	Reclaimed
a. Mined only	_____	_____	_____
b. Mined - waste disposal use	_____	_____	_____
c. Disturbed only	_____	_____	_____
d. Disturbed by waste disposal	_____	_____	_____
f. Total	_____	_____	_____

*For mining operations

4. Estimated Quantities Considered in Planning Reclamation

- a. Dry tons of sand tailings to dispose of _____
- b. Dry tons of clay to dispose of _____
- c. Dry tons of other waste to dispose of _____

5. Estimate the following for each waste disposal site

Waste Clay Disposal Site Designation	Site 1	Site 2	Site 3	Site 4
Disposal Acres				
Dam Height Above Grade (ft.)				
Minimum Maximum Average				
Type of Disposal				
Cap Thickness (ft.)				
Average Storage Depth (ft.)				
Storage Acre-feet				
Infill Rate (Dry Tons/Yr.)				
% of Solids* in Fill				
Immediate+ % Solids				

* At entry into CSA +Point at which self-weight consolidation begins

6. Drainage*

	<u>Premining</u>		<u>Postreclamation</u>	
	Qty.	Acres	Qty.	Acres
a. 1st order drainage basins	_____	_____	_____	_____
b. 2nd order drainage basins	_____	_____	_____	_____
c. 3rd order drainage basins	_____	_____	_____	_____
d. Wetland under 20 acres	_____	_____	_____	_____
e. Wetlands 20 acres and over	_____	_____	_____	_____
f. Lakes (water bodies)	_____	_____	_____	_____

* Based upon the Florida Land Use Cover and Forms Classification System, Level II, (DOT 1999)

7. Threatened or Endangered Species Identified Prior to Mining

- a. Number of plant species _____
- b. Number of animal species _____

8. Permits

- a. Is this mine subject to DRI-ADA approval? _____
- b. Is any area subject to a Wetland Resource or Environmental Resource Permit? _____
- c. Will any state or federal lands be mined/disturbed? _____

9. Land Coverage Acreage

	<u>Premining</u>	<u>Postreclamation</u>
I. Uplands	_____	_____
A. Nonforested	_____	_____
B. Forested	_____	_____
1. Coniferous	_____	_____
2. Hardwood	_____	_____
3. Mixed	_____	_____
II. Lakes (Water Bodies)	_____	_____
A. Fluctuating Zone	_____	_____
1. Forested	_____	_____
2. Herbaceous	_____	_____
B. Low Water	_____	_____
1. Shallow Water	_____	_____
2. Deep Water	_____	_____
III. Streams	_____	_____

IV. Wetlands	_____	_____
A. Forested	_____	_____
B. Herbaceous	_____	_____
Total	_____	_____

10. Time Schedule (mine-years)

	Begins	Ends
a. Mining	_____	_____
b. Waste Disposal	_____	_____
c. Reclamation	_____	_____

Parts III. - IX. See additional attached pages.

Date Submitted

Signature of Applicant

Part III. Ownership, Leases, and Permits

1. List the names and addresses of all persons having fee simple or lessee estate in the application area.
2. Has the State of Florida, if not included in item 1 above, claimed ownership of any area within the application area? If yes, discuss.
3. If any part of the application area is subject to DRI-ADA approval under section 380.06, Florida Statutes, provide the status of the approval process, including approval dates and the approving agencies when known.
4. Identify those areas where a jurisdictional determination has been completed by the Department of Environmental Protection.
5. List all other permits related to reclamation activities that have been obtained or are known to be needed for the application area. Provide the identification number (if applicable), type, agency filed with or to be filed with, and status of each permit.

Part IV. Description of Application Area

Describe the application area in a list format. Headings for the list shall be township, range, and section. Include the acreage for each section and partial section.

Parts V - VII. Respond to the following parts by providing enough information to evaluate compliance with the standards in 62C-16.0051 and 62C-16.0053, F.A.C.:

Part V. Premining Conditions

1. Describe the geology, topography, drainage, vegetation, and land uses within the mine prior to mining operations.
2. Describe and list, as existing immediately prior to mining operations and site preparation, the presence and habitat location of plant and animal species listed as threatened or endangered by the Florida Fish and Wildlife Conservation or the U.S. Fish and Wildlife Service.

Part VI. Reclamation Considerations

1. Describe the mining, waste disposal, and reclamation and restoration plans.
2. Describe the methods and assumptions used in determining quantities, by weight and volume, of earth materials to be considered in planning the reclamation and restoration activities as described in Part II, Item 4 and 5.

Part VII. Postreclamation Conditions

1. Describe postreclamation and restoration stratigraphy, topography, drainage, vegetation, and land uses.
2. Describe the threatened or endangered species habitat expected to be present following reclamation.

Part VIII. Variances

For each variance requested provide a completed variance application. If no variance is requested, state: No Variance Requested.

Part IX. Maps and Aerial Photographs

Provide the following maps and aerial photograph(s). Do not combine maps. Identify each map and aerial photograph by number, title, operator's name, and mine name.

1. Location
2. Mined, Disturbed and Permit Areas
3. Waste Disposal Sites
4. Premining Topography and Drainage
5. Premining Vegetation and Premining Land Use
6. Premining Habitat of Threatened or Endangered Species
7. Postreclamation Topography and Drainage
8. Postreclamation Vegetation and Postreclamation Land Use
9. Aerial Photograph(s)