

Site Acreage: _____ Acres

Permit # _____

LINCOLN COUNTY NONMETALLIC MINE RECLAMATION PLAN

Town of _____

OPERATOR:	OWNER/LESSOR:
ADDRESS:	ADDRESS:
CITY, STATE, ZIP:	CITY, STATE, ZIP:
PHONE NUMBER:	PHONE NUMBER:
LEGAL PROPERTY DESCRIPTION: GL _____ 1/4 _____ 1/4 Section _____ T _____ N R _____ E Town of _____	

LOCATION MAP OF NONMETALLIC MINE SITE:
See Next Page for Specific Criteria

Parcel # _____ E, R, N, T, Sec. _____ 1/4, _____ 1/4

OFFICE USE ONLY Reviewed By: _____ Date Reviewed: _____

CONDITIONS OF APPROVAL: _____



SEE ATTACHED SHEET FOR ADDITIONAL
CONDITIONS AND/OR COMMENTS.

Name: _____

Maps/ Site Information:

The reclamation plan shall include information sufficient to describe the existing natural and physical conditions of the site, including, but not limited to:

1. Maps:

All maps must be drawn at a scale of no less than one (1) inch equals two hundred (200) feet: Maps of the nonmetallic mining site shall include the following:

- General Location
- Property Boundaries
- Areal Extent
- Geologic Composition and Depth of the Mineral Deposit
- Distribution, Thickness and Type of Topsoil
- Approximate Elevation of Ground Water
- Location of Surface Waters
- Existing Drainage Patterns
- Existing Topography
- Location of Manmade Features
- Previously Mined Areas (IF APPLICABLE)

Note: Some of or all of the information required in a map may be shown on the same submittal, i.e. the site map required may also show topography required.

2. Total area to be affected by this site:

Include areas for stockpiling, processing, conservation practices, and any roads to be reclaimed.

_____ Acres

3. Geological Information:

Description of the type of material(s) extracted the area extent and depth of the material(s), the methods of extraction and processing methods to be used in the permit area.

4. Ground Water Elevation:

Observed or estimated (circle one) elevation of groundwater: _____ Reference depth to a permanent on-site reference point (bench mark).

5. Estimated timetable for beginning and ending of operations on the site including any phases or stages:

Biological Information:

1. Provide information available to the mine operator on biological resources, plant communities, and wildlife use at and adjacent to the proposed or operating mine site.

Proposed Post Mining Land Use:

The reclamation plan shall specify a proposed post-mining land use for the nonmetallic mine site. The proposed post-mining land use shall be consistent with local land use plans and local zoning at the time the plan is submitted, unless a change to the land use plan or zoning is proposed. The proposed post-mining land use shall also be consistent with any applicable state, local or federal laws in effect at the time the plan is submitted.

Note: A proposed post-mining land use is necessary to determine the type and degree of reclamation needed to correspond with that land use. The post-mining land use will be key in determining the reclamation plan. Final slopes, drainage patterns, site hydrology, seed mixes and the degree of removal of mining-related structures, drainage structures and sediment control structures will be dictated by the approved post-mining land use.

- 1. Provide a description of the proposed post mining land use.

Reclamation Measures:

The reclamation plan shall include a description of the proposed reclamation, including methods and procedures to be used and a proposed schedule and sequence for the completion of reclamation activities for various stages of reclamation of the nonmetallic mining site. The following shall be included:

- 1. Earthwork and Grading:

Describe the proposed earthwork and reclamation, including final slope angles, high wall reduction, benching, terracing and other structural slope stabilization measures.

- 2. Topsoil:

Describe the methods of topsoil or topsoil substitute material removal, storage, stabilization and conservation that will be used during reclamation.

- 3. Topography:

A plan or map which shows anticipated topography of the reclaimed site and any water impoundments or artificial lakes needed to support the anticipated future land use of the site.

- 4. Structures:

A plan or map which shows surface structures, roads and related facilities after the cessation of mining.

- 5. Revegetation Plan:

A revegetation plan which shall include timing and methods of seed bed preparation, rates and kinds of soil amendments, seed application timing, methods and rates, mulching, netting and any other techniques needed to accomplish soil and slope stabilization.

6. Revegetation Standards:

Quantifiable standards for revegetation adequate to show that a sustainable stand of vegetation has been established which will support the approved post-mining land use. Standards for revegetation may be based on the percent vegetative cover, productivity, plant density, diversity or other applicable measures.

7. Erosion Control:

A plan and, if necessary, a narrative showing erosion control measures to be employed during reclamation activities. These shall address how reclamation activities will be conducted to minimize erosion and pollution of surface and ground water.

8. Interim Reclamation: (Optional)

Describe any areas which will be reclaimed on an interim basis sufficient to qualify for the waiver of fees pursuant to s. NR 135.41 and which will be subsequently disturbed prior to final reclamation. Descriptions shall include an identification of the proposed areas involved, methods of reclamation and timing of interim and final reclamation.

9. Costs:

The estimated cost of reclamation for each stage of the project or the entire site if reclamation staging is not planned. A Financial Assurance Calculator is available at http://www.co.lincoln.wi.us/departments/forms_and_documents/?department=4491baa3d0ab to assist in calculating the estimated costs.

10. Criteria for Successful Reclamation:

Explain how the reclamation plan will meet the criteria for assuring successful reclamation.

11. In addition, the following drawings or documents must be attached to this application.

- A. A copy of time lease or proof of ownership.
- B. Copies of local and state permits or approvals including a statement from the local zoning or planning authority that the proposed post mine land use is consistent with the current zoning or land use plan unless a change to the zoning or the plan is proposed.
- C. Distribution, thickness and type of topsoil. (A copy the NRCS Soil Survey map of the area can be used to provide this information)
- D. If the site is to be mined in phases or stages, one copy of a plan which shall include the following:
 1. A plan view and description of sequential phases of mining to include interim reclamation including haulage ways, storage areas and processing areas.
 2. If necessary, a plan showing temporary erosion control measures to be employed during reclamation.
- E. One copy of a plan which shall include the following:
 1. A plan view showing final slope angles, high wall reduction, benching, terracing, other stabilization measures and water impoundments at contour intervals of no larger than ten (10) feet.
 2. Cross-sectional drawings of any water impoundments, high wall reductions, benching or terracing, or other conservation practices.
 3. The erosion control measures to be employed during reclamation.

Certification:

Operator:

As an authorized representative of _____, I certify that the proposed reclamation of the site referenced in this document will be carried out in accordance with the proposed reclamation plan and subsequent, approved changes.

Applicant's Signature

Date

Owner and/or Lessee:

I certify that I concur with the reclamation plan submitted and will allow its implementation.

Landowner's Signature

Date

(If the mine operator has submitted a reclamation plan for an existing mine in accordance with an automatic permit or if the operator has submitted a reclamation plan for a new or reopened mine which is located on the land for which a lease agreement or memorandum or lease between the landowner and applicant was recorded prior to August 1, 2001, a certification is not required from the owner or lessee. However, the operation must provide written evidence that the landowner and lessee, if different from the operator, has been provided with a written copy of the reclamation plan)