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# Jo Daviess County Planning & Development

Eric Tison, Planning & Development Administrator

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***Supplement to  
Special Use Permit Application for Extractive Uses  
(Excavation/Extraction/Mining/Quarrying of Raw Materials from the  
Earth)***

(I)(We)(The) \_\_\_\_\_  
(Name of Company, Corporation, Partnership or Individual)

\_\_\_\_\_  
(Address with City, State & Zip)

\_\_\_\_\_  
(Phone, Fax, and e-mail if applicable)

hereby make application for a Special Use Permit to permit the excavation, extraction, screening, mining, crushing, washing or quarrying of raw materials from the earth for resale on the following legally described area and shown on the attached/enclosed map(s).

Every application shall contain the following. This information will be important and used in assessing the impact of the proposed use on the area and in determining the applicability of the reclamation plan. A U.S. Geological Survey 7.5 Minute Series Topographic Map outlining the acreage to be affected and the lands surrounding the acreage shall be included. Add additional sheets when space is not available. The following questions must be answered.

1. Ownership and address(es) of the proposed Special Use Permit area (use a map when appropriate). If more than one (1) landowner, indicate property lines on map.

_____	_____
_____	_____
_____	_____

2. Ownership and address(es) of the land adjacent to the proposed Special Use Permit area (use a map when appropriate). If more than one (1) landowner, indicate property lines on map.

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3. The current zoning of the proposed Special Use Permit area is: \_\_\_\_\_

4. Parcel Identification Number (PIN) \_\_\_\_\_

5. The mineral(s) to be mined: \_\_\_\_\_

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6. The character and composition of the vegetation and wildlife on lands to be affected:

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7. Summarize the current land uses in the proposed Special Use Permit area. Describe any changes that have occurred in the past five (5) years.

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8. The nature and depth of the overburden and an estimated depth to which the mineral will be mined (use a map when appropriate). For operations which remove more than one (1) mineral, see Question No. 12.

Overburden thickness is/ranges from: \_\_\_\_\_

Total depth of the pit will be: \_\_\_\_\_

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9. Discuss the minimum setback distance of the excavation requirements of the Jo Daviess County Zoning Ordinance and 62 Ill. Adm. Code 300.110(h), if applicable, for areas to be mined. Locate adjacent property lines/easement on the map if applicable.

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10. Identify the location of existing roads and anticipated access and haulage roads planned to be used or constructed in conducting the mining operation. Please indicate on map.

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11. Describe the technique to be used in the removal and handling of the overburden, including the type of equipment and how it will be used.

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12. Identify the location and names of streams, creeks, bodies of water and underground water resources within lands to be affected. Indicate on map.

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13. Describe the drainage on and away from the lands to be affected including directional flow of water, natural and artificial drainage ways and waterways, and streams or tributaries receiving discharge. Indicate on map.

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14. Identify the location of buildings and utility lines within lands to be affected. Indicate on map.

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15. Provide the results of core drillings (to be provided only upon request of the County). For multiple mineral removal operations, describe a representative profile of the entire pit depth.

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16. List the date, location and identify details of any forfeiture or notice of forfeiture of any reclamation bond or security filed by the applicant or any operator related to the applicant with the State of Illinois or any other state agency of state government or unit of local government.

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17. Describe all water control structures or earthen fill operations planned in the permit area for the control or containment of water. A representative cross section provided in Exhibit .

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18. The estimated employment at the mine will be:

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I, \_\_\_\_\_, declare that I have examined this application, including accompanying statements and documents, and to the best of my knowledge it is true, correct and complete, and that said applicant has valid documents which bestow upon the applicant a legal right to enter and commence the excavation, extraction, screening, mining, crushing, washing or quarrying of raw materials from the earth and to reclaim lands contained in the proposed Special Use Permit area.

\_\_\_\_\_  
(Signature) (Title)

Dated this day \_\_\_\_\_ of \_\_\_\_\_, 20\_\_\_\_.

Signed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

19. Conservation and Reclamation Plan.

An application for a Special Use Permit to allow the excavation, extraction, screening, mining, crushing, washing or quarrying of raw materials from the earth shall include a conservation and reclamation plan. Conservation and reclamation plans shall comply with the standards set forth by the State of Illinois, Department of Natural Resources, Office of Mines and Minerals pursuant to 62 Ill. Adm. Code 300.100-150.

A. A conservation and reclamation plan for the Special Use Permit area must include a map of the area and a description of reclamation activities (use extra pages when necessary):

Locate the areas where overburden is removed from and deposited to. Describe any planned grading of the deposition areas and overburden removal areas. Describe the disposition of cap rock (if any). If overburden from this affected area is to be deposited in/on adjacent areas, include a narrative description. Discuss any impacts future quarrying/mining (removal and deposition) may have on this Special Use Permit area.

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B. The post quarrying/mining land uses include:

Land Use:

Acreage:

_____	_____
_____	_____
_____	_____

C. The vegetative species to be planted for each land use are: \_\_\_\_\_

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For the purposes of review and study of the proposal, adequate detail is necessary. Listed below is an outline of the components of an acceptable reclamation plan.

**Reclamation Plan Guidelines:**

I. Description of area previous to mining, location, current land uses, topography, crops, vegetation, soil types, and other general information.

II. Proposed land use after mining.

- A. Description (type of reclamation after area is mined).
  - 1. Justification for use selected (i.e. why this choice?);
  - 2. Operators long-range interest in property mined;
  - 3. Economics involved for selected use;
  - 4. Other potential uses or multiple use possibilities.
- B. Haulage roads. Are they to remain? Explain use of such.
- C. Drainage ditches to facilitate mining. Are they to remain? Explain use of such.
- D. Impoundments.
  - 1. Dams to be constructed, location, engineering principles involved.
  - 2. Discuss possible surface ponding, extent, depth, etc.
  - 3. Water quality: depths, shoreline, aquatic plants and animals, anticipated productivity and uses.

### III. Mining and Reclamation Method.

- A. Spoil Handling.
  - 1. Description of strata above minerals to be mined (identify chemical and physical nature of each strata), particularly toxic materials.
  - 2. Material (spoil) placement
    - a. Grading to achieve the reclamation objective, describing the equipment to be used.
    - b. Grades, chemical and physical characteristics after completed.
    - c. Is there adequate space for overburden?
    - d. Adequate overburden space after grading and slope requirements.
    - e. Discuss overburden and excavation in relation to property lines, right-of-ways, etc.
- B. Grading
  - 1. Time schedule planned
  - 2. Maximum slopes planned...
    - a. ...for each type of reclamation
    - b. ...for box cut slopes, outside slopes – terraces
    - c. ...for incline road slopes

3. Drainage - Discuss drainage procedures planned on reclaimed areas
  - a. temporary ponding that might be expected
  - b. show drainage (major outlets) to off-site areas
  - c. drainage re-channeling planned
    - (1) temporary
    - (2) permanent
  - d. erosion, siltation, terrace, height of slopes, structures or other pertinent engineering provisions
  - e. water quality and appearance
4. Vegetation establishment
  - a. Cultural method
    - (1) seed bed preparation
    - (2) seeding or planting method
  - b. Time period
    - (1) year
    - (2) approximate dates
  - c. Species to be planted
    - (1) reason for choice
    - (2) rate or spacing to accomplish percent cover or number per acre

IV. Mention any special problems or plans that apply to the site.

***Note: 16 copies of this application and any accompanying documents shall be submitted.***



227 North Main Street  
P.O. Box 502  
Elizabeth, IL 61028

Phone: (815) 858-3418 Ext. 3  
Fax: (815) 858-3694

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## Application for Natural Resources Inventory Report

Please Print Clearly

Project Name: \_\_\_\_\_ Date: \_\_\_\_\_

Applicants Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Address: \_\_\_\_\_ Cell Number: \_\_\_\_\_

City, State, and Zip: \_\_\_\_\_ Best Time to Call: \_\_\_\_\_

Landowners Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Address: \_\_\_\_\_ Cell Number: \_\_\_\_\_

City, State, and Zip: \_\_\_\_\_ Best time to call: \_\_\_\_\_

**Type of Application:** Please complete as needed:

Zoning Classification Change:

From: \_\_\_\_\_ To: \_\_\_\_\_

Description of Change: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ 1/4 of Sec. \_\_\_\_\_, T \_\_\_\_\_ N, R \_\_\_\_\_ E, 4<sup>th</sup> principal meridian

City/Township Name: \_\_\_\_\_ Acres: \_\_\_\_\_

Other Information or Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Signature of Applicant:** \_\_\_\_\_ **Date** \_\_\_\_\_

Required Information to Accompany Application and Fee Schedule on Next Page

## **Required Information to Accompany Application:**

1. Application for Natural Resources Inventory Report.
2. Copy of a legal boundary survey drawing with written survey descriptions and acreage. At least one permanent survey reference monument should be in place and noted on the legal survey drawing. Basis of the survey bearings must be clearly stated. If the survey is dated and no monuments have been recovered, an accurate location map based on aerial photography must be submitted along with the survey description.
3. Authorized signature on the *CONSENT TO ON-SITE INSPECTION* form notarized by the proper agent.
4. A preliminary map showing the locations of planned entrance roads from existing public or private roadways, public right-of-ways, and overall project layout.

## **Optional information:**

1. Any other information that may be helpful such as soils investigation maps, photos, or narratives regarding the project.

## **Fee Schedule:**

A fee of \$250 plus \$25 per acre evaluated. Payment is required to initiate the 30 day processing period. Please make checks payable: *Jo Daviess County SWCD*.

## **Where to Submit Applications:**

Applications, payments (cash or check), and all other required information must be dropped off at our office located in the USDA Service Center; 227 North Main Street in Elizabeth, Illinois. Please call our office at (815) 858-3418 extension 3 if you have any questions.

The Jo Daviess County Soil and Water Conservation District supports the non-discrimination goals of the USDA. The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disabilities, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audio tape etc.) should contact the USDA's TARGET Center at (202)720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Ave. Avenue SW, Washington, D.C. 20250-9410, or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.