

**STATE OF INDIANA
DIVISION OF RECLAMATION
INDIANA DEPARTMENT OF NATURAL RESOURCES**

PLAN OF RECLAMATION

Permit Year _____ To _____

***AREA AND
MINERAL TO
BE MINED***

1. Name of Pit : _____
2. Topography (underline)
A. Level B. Rolling C. Steep
3. Prior Use (acres)

A. Row Crop _____	D. Old Fields _____
B. Pasture _____	E. Old Mined Area _____
C. Forest _____	F. Others (specify) _____
4. Minerals to be mined (underline)
A. Coal B. Clay C. Shale
5. Number or Name of the mineral seam(s) to be mined: _____
6. Average depth of overburden is _____ feet.
7. In the Column to the right, draw a Representative core sample of the Overburden above the mineral to be Mined. Give the type and thickness Of each strata including the thickness Of the mineral seam. If two (2) or More seams are to be mined, include all Material lying between the seams And identify parting if it occurs.
8. Describe briefly the source of the information given in Number 7 above:

***METHOD OF
OPERATION***

9. List below the number, size and type of the overburden removal equipment to be used for this operation.

METHOD OF OPERATION (CONTINUED)	10. Is the separation of unconsolidated material planned for this operation? Yes ____ No ____ If yes, describe by what method and with what equipment it will be accomplished. _____ 11. If parting is encountered in the process of mining two (2) or more seams of coal, briefly describe where such parting will be placed in the spoil. _____ 12. Underline the method by which the coal will be processed and marketed. A. Mine run only B. Crushed mine run C. Lump, graded D. Washed, graded E. Washed, crushed 13. Give the location of the processing equipment: _____
EROSION AND DRAINAGE CONTROL	14. Describe proposed measures to control acid conditions resulting from this operation, such as cover crop, impoundments, terraces, etc. _____ 15. Describe proposed measures to control acid conditions resulting from this operation, such as runoff, exposed acid-forming materials, etc. _____
GRADING PROGRAM	16. List below the number, size and type of equipment to be used to complete the grading of the affected area. _____ 17. Indicate below the land use objective(s) for which the affected area will be Graded. (Refer to pages 38-40 for land use grading standards.) A. _____ Acres row crop B. _____ Acres pasture and hay C. _____ Acres range land D. _____ Acres forest land E. _____ Acres other (Describe in detail on a separate sheet of paper if affected area is to be reclaimed to a land use objective other than one of the above.) 18. If water impoundments are planned, give location, number of acres and type. _____

GRADING PROGRAM	19. Describe plans for reclamation of other disturbed areas, such as haul or access roads, processing sites, drainage ways, etc., and give the approximate completion date. _____ _____ _____
REFUSE AND DEBRIS	20. Describe plans for disposal of refuse (i.e., gob and slurry), and debris (i.e., metal, lumber, machinery fluids, office waste, concrete, etc.) resulting from the mining operations. _____ _____
REVEGETATION AND SOIL AMENDMENTS	21. Describe the species, method, and rate of application of the temporary vegetative cover to be seeded promptly after grading. _____ _____ _____ 22. Describe the type and method of application of the permanent vegetative cover. _____ _____ _____ 23. Describe the type(s), amount(s), and method(s) of application of soil amendment(s) and/or conditioners, such as lime, fertilizer, mulch, sludge, etc. _____ _____ _____

Name of Operator: _____

Responsible Official: _____

Title: _____

Date: _____

Subscribed and sworn to before me this ____ day of _____, 20__.

My commission expires _____.

Notary Public

One (1) Notarized Copy