

**LAND RECLAMATION MEMORANDUM**  
**99-05**

To: All Coal Mine Operators

Date: June 9, 1999

From: Kim Underwood, Supervisor  
Land Reclamation Division

Re: Maps

It has come to my attention that on occasion maps submitted to the Land Reclamation Division do not contain standard map information as required by 62 Ill. Adm. Code 1777.14(a). Specifically, the information most frequently omitted includes north arrows, written scale, bar scale and reference points such as state plane coordinates, or section corners. The LRD is beginning an electronic filing system through scanned map images. We also register information in the geographic information system (GIS). Center section numbering without clear delineation of the center point are of little value when transferring the scanned map to the GIS. Therefore, for improved electronic storage, retrieval and accuracy, the following standard information shall be a part of all map and cross section submittals:

- 1) Both written and bar scales shall be used to maintain scale in the imaged media.
- 2) North arrows shall be present
- 3) Specific section corners and specific points such as cross hair designation when using a center designation. The appropriate Township(s) and Range(s) shall also be noted or use state plane coordinates.
- 4) Company and mine name, permit number, date of map, as well as a short description of the maps intended purpose either through a descriptive title or note such as "Revision to install a water monitoring point"

Although much of the requests above have been routinely submitted in the past, our progression to an electronic permitting and storage process necessitates more consistent map nomenclature, legend and detail. Your cooperation in this matter is greatly appreciated. If you have any questions concerning map information, please contact your inspector and/or technical specialist.