

**APPENDIX C**  
**Restrictions on Lime Kiln Dust**  
**Used at Mine Sites or for Treatment of Acid Mine Drainage at Other Sites**  
**General Permit No. WMGR089**

The following restrictions apply to the beneficial use of lime kiln dust (LKD) when used at permitted mine sites and at abandoned mine sites and at sites as an alkaline material to treat acid mine drainage (AMD). Persons receiving, storing, and/or using the LKD for beneficial use purposes are required to comply with the following requirements:

- C1. LKD shall not be stored in direct contact with, or applied directly into ground water.
- C2. The amount of the LKD that may be stored at any site at any point in time is limited to that amount of LKD that is intended to be used, and can be practicably applied, on the site for the next 365 days. No more than 5000 tons of the LKD be stored on any one mine site or 1000 tons at any other site unless otherwise approved by the Department.
- C3. Runoff from the LKD storage areas shall not cause surface water pollution or groundwater degradation.
- C4. Surface water and control erosion and sedimentation shall be managed at mine sites to meet the applicable requirements of 25 Pa. Code Chapter 102 (relating to erosion control).
- C5. Prior to use of LKD in mine reclamation projects, the user shall submit to and the appropriate county, county planning agency, and county health department, if one exists, notice of intention to revise the reclamation plan for each permitted and abandoned mine site at which LKD is intended to be applied. For permitted mine sites, the above notification must also be provided to the appropriate District Mining Office of the Department's Bureau of Mining and Reclamation. For abandoned mine sites, the above notification must also be provided to the appropriate District Office of the Department's Bureau of Abandoned Mine Reclamation or contracting governmental agency. Prior to use on LKD for treatment of AMD at other sites, the user shall submit notification of their intent to the Bureau of Water Quality at the Department's appropriate Regional Office.

For permitted mine sites, the revision process shall comply with all requirements for revising reclamation plans at permitted mine sites as promulgated by the Department's Bureau of Mining and Reclamation at 25 Pa. Code Chapters 77, 86, 87 and 88. For abandoned mine sites, the revision procedure shall be that specified in the permittee's contract with the Bureau of Abandoned Mine Reclamation or other contracting governmental agency. For AMD discharges permitted under the National Pollutant Discharge Elimination System (NPDES), the revision process shall comply with all requirements promulgated by the Department's Bureau of Water Quality at 25 Pa. Code, Chapter 92.

C1 of C2

**APPENDIX C**  
**Restrictions on Lime Kiln Dust**  
**Used at Mine Sites or for Treatment of Acid Mine Drainage at Other Sites**  
**General Permit No. WMGR089**

Reclamation activities may not commence on permitted mine sites unless specifically authorized by the Department's Bureau of Mining and Reclamation. Reclamation activities may not commence on abandoned mine sites unless specifically authorized by the Department's Bureau of Abandoned Mine Reclamation or other contracting governmental agency. AMD treatment activities at other sites may not commence unless specifically authorized by the Department's Bureau of Water Quality.

- C6. The application rate of LKD at a mine site shall not exceed 60 tons per acre, except when conducted under a remediation plan approved by the Department that requires a greater application rate. The amount of LKD beneficially used for treatment of AMD is limited to the amount necessary to achieve sufficient neutralization to be acceptable for discharge to the receiving body of water.