



Reclamation Advisory Memorandum

Department for Surface Mining
Reclamation and Enforcement

From: Elmore C. Grim, Commissioner *E.C.G.*
Subject: Submission of Sediment Pond Compliance Demonstrations
for Priority I Transitioning Permits

Date: August 5, 1983

RAM# 66

Pursuant to previous RAM No. 63 (April 22, 1983), the Department has today released a document entitled Design of Sediment Ponds to Meet Effluent Limitations for Suspended and Settleable Solids. The document is being mailed with Technical Reclamation Memorandum #13 to approximately 500 consulting engineering firms and coal company engineers on the department's TRM mailing list. A limited number of additional copies are available at the Department's Regional Offices and at the Division of Permits Technical Services Branch in Frankfort.

The Department appreciates the assistance and advice provided by the Surface Coal Mining Technical Advisory Committee during the development of this document. The Department intends to ultimately develop a comprehensive sediment control manual which would include the sediment pond design procedures discussed in this document and other onsite sediment control practices.

The document includes the "Kentucky Graphical Method for Sediment Pond Design," which uses graphs, tables, and straightforward calculations to design embankment and excavated sediment ponds which can reasonably be expected to meet effluent limitations. When an applicant has properly used this design method, the department will consider the applicant to have demonstrated that the proposed ponds can reasonably be expected to meet effluent limitations. The document also describes other accepted design methods and the information which should be included in the permit application when these methods are used. The document further describes procedures which can be used to obtain department approval of other design methods.

With the release of this document, applicants with Priority I transitioning permits now have until September 6, 1983, COB (4:30 p.m.) to submit sediment pond designs and compliance information to the Department.

The final submission dates for this information on other priorities are as follows:

Priority	Submission Date
II	October 3, 1983
III	December 19, 1983
IV	December 19, 1983

Questions regarding this RAM should be directed to Larry Fisher at (502) 564-2320.