



Minnesota
Pollution
Control
Agency

Regional
Environmental
Management
Division

**Summary Listing of
Existing Beneficial Use
Determinations
for Solid Waste**

(Complete descriptions at
<http://www.pca.state.mn.us/waste/swutil-sbud.html>)

- Unadulterated wood
- Uncontaminated glass for sandblasting
- Unusable latex paint
- Reclaimed glass and porcelain
- Crumb rubber
- Tire shreds
- Tire chips
- Uncontaminated recognizable concrete
- Salvaged bituminous
- Coal slag
- Coal fly ash
- Foundry sand for Portland cement
- Uncontaminated by-product limes
- Manufactured shingle scrap

**Direct this form,
questions and
comments to:**

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Saint Paul, MN 55155
Phone: (651) 296-7716
Email:
Geoffrey.strack@pca.state.mn.us

Solid Waste Demonstration/ Research Project Proposal Submission Form

Waste/Solid Waste #3.24, October 2005



Power company coal ash being used to stabilize a silage pit.

Instructions

In early 2004 the MPCA completed amendments to Minn. Rules Ch 7035 pertaining to solid waste. The amendments include provisions for limited-scale demonstration/research projects (DRPs) conducted to obtain information and data on new methods of solid-waste management. For example, a DRP may be conducted to evaluate a new landfill design, beneficial use or solid waste management technology.

To apply for a demonstration/research project, write a proposal containing the required information listed in the following form. Make certain you indicate on the form where in your proposal the required information can be found.

Send your proposal and completed form to the address listed at left. The MPCA will review and make a determination. If the project is approved, the MPCA will prepare an agreement, or issue a permit if required at the federal level.

If considering a beneficial use for your waste, check if the proposed use qualifies for a beneficial use determination (BUD) already in place (Minn. Rule part 7035.28060 subp 4). These are briefly listed at left. More complete descriptions available at <http://www.pca.state.mn.us/waste/swutil-sbud.html> If not listed, the project may qualify for a Case Specific Beneficial Use Determination (CSBUD) (Minn. Rule part 7035.2860 subp 5). Often, a CSBUD will first require applying for and completing a DRP. For more information about beneficial uses and DRPs, refer to the solid waste page on the MPCA Web site: <http://www.pca.state.mn.us/waste/sw-utilization.html>

Send DRP proposal and completed form to the address in the box at left.

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Solid Waste Demonstration/Research Project Information Requirements/Submission Form

Write a proposal using the information requirements listed in the following form as a guide.
Be certain to indicate on this form where in the proposal the required information appears.

Proposals must contain the following information:	Page where info appears	MPCA Comments	✓
A. Detailed description of the solid waste, manner in which it is generated and the solid waste technology or process to be evaluated.			
B. Results of appropriate chemical and physical characterization of the solid waste done in accordance with part 7035.2861.			
C. Goals and objectives of the project.			
D. Scope of the project including length of time from the beginning of the project to completion, location, and quantity of solid waste involved.			
E. An outline of information that will be contained in a final report prepared at the end of the project.			
F. Review of literature related to the project.			
G. Experimental design			
H. Proposed monitoring			

Demonstration/Research Project Proposal Submission Form (continued)

Proposals must contain the following information:	Page where info appears	MPCA Comments	✓
I. Evaluation of possible environmental impacts. Description of safeguards proposed to protect health and the environment during, after the project.			
J. Verification that local units of government have been notified in writing of the intent to carry out the project and provided with information on whom to contact at the MPCA with questions.			
K. Verification that residents within a one-mile radius of the project have been notified prior to submitting the proposal to MPCA. Verification must consist of a copy of a notice placed in the local paper or any letter mailed to these residents. The notice or letter must include a brief description of the project and how to contact the MPCA to provide input or comments.			
L. When applicable, include information required by Code of Federal Regulations, title 40, part 258, for a research, development, and demonstration permit.			

Organization:		Submittal Date:	
Contact Name:		Address	
Phone #:			
Consultant or additional contact:		Address	
Phone #:	P.E. #		
Agency Use Below			
Use Type:		Waste Activity ID:	
Industry Type (SIC code):		Project Status:	
Waste Type:		Estimated annual amount of material:	
Process Type:		MPCA technical review conducted by:	

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