



State of Ohio Environmental Protection Agency

STREET ADDRESS:

MAILING ADDRESS:

Lazarus Government Center
122 S. Front Street
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

P.O. Box 1049
Columbus, Ohio 43216-1049

Mr. Chris Carpenter, General Manager
Williams County Landfill
12604 County Road G
Bryan, Ohio 43543

RE: Williams County Landfill, Williams County
Alternative Daily Cover Approval

Dear Mr. Carpenter:

On January 3, 2006, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), received your written request for authorization to use foundry sand an alternative daily cover material in accordance with Ohio Administrative Code (OAC) Rule 3745-27-19(F)(3) at the Williams County Landfill solid waste disposal facility (Facility) located in Williams County. Specifically, the owner or operator requested to use spent, non-toxic foundry sand (Foundry Sand) from Metal Technologies located in Auburn, Indiana.

OAC Rule 3745-27-19(F)(3) states, "The director may approve alternative materials and/or thicknesses for daily cover if the owner or operator can demonstrate to the satisfaction of the director that the alternative material and/or thickness provides comparable protection and is protective of human health and the environment."

Ohio EPA has reviewed the information contained in the request and has determined that the Foundry Sand has the potential to function effectively as alternative daily cover material and provide protection comparable to six inches of soil as required by OAC Rule 3745-27-19(F)(3)(a). I hereby approve the use of the Foundry Sand as alternative daily cover material at the Facility.

As part of this approval, the owner or operator is subject to the following conditions:

CONDITIONS

1. This authorization is limited to the use of Foundry Sand only from Metal Technologies of Auburn, Indiana. The Foundry Sand must have similar chemical composition and physical properties and be consistent with the waste characterization profile included in the January 3, 2006 and January 30, 2006 submittals.

Bob Taft, Governor
Bruce Johnson, Lieutenant Governor
Joseph P. Koncelik, Director

2. This authorization is limited to the use of only Foundry Sand at the Facility. No other alternative daily cover material may be used at the Facility without prior authorization from Ohio EPA.
3. The owner or operator shall place Foundry Sand over exposed waste materials by the end of the working day, or more frequently if necessary, to control fire hazards, blowing litter, odors, dust, insects, and rodents.
4. If inclement weather conditions will render the placement or use of the Foundry Sand ineffective or otherwise unsatisfactory, the owner or operator shall temporarily revert to using convention soil cover in accordance with OAC Rule 3745-27-19(F) until such conditions cease to exist. Under such circumstances, the owner or operator may apply another alternative daily cover material that has been approved for use at the Facility, provided that the alternative daily cover material is able to perform effectively under the inclement conditions.
5. If the owner or operator determines that Foundry Sand is ineffective or otherwise unsatisfactory under normal operating conditions, the owner or operator shall immediately revert to using conventional soil cover in accordance with OAC Rule 3745-27-19(F). Under such circumstances, the owner or operator may apply another alternative daily cover material that has been approved for use at the Facility. The owner or operator shall verbally notify Ohio EPA, NWDO of this action by the end of the next working day and shall submit written notification to Ohio EPA, NWDO within fourteen (14) calendar days. This notification is not necessary if the use of the Foundry Sand ceases on a temporary basis in accordance with Condition Number 4.
6. If Ohio EPA determines that the use of Foundry Sand is ineffective or unsatisfactory under normal operating conditions, then permission to use the material may be revoked upon written notification from the Director of Ohio EPA. Immediately upon such revocation, the owner or operator shall cease to use Foundry Sand as alternative daily cover material at the Facility and shall revert to using conventional soil cover in accordance with OAC Rule 3745-27-19(F). Under such circumstances, the owner or operator may apply another alternative daily cover material that has been approved for use at the Facility.
7. Foundry Sand shall not be used as intermediate or final cover. Any solid waste disposal area that remains inactive for a period of seven (7) days and that has been covered with Foundry Sand shall be covered with at least six (6) inches of soil in accordance with OAC Rule 3745-27-19(F) by the end of the seventh day.
8. The use and location of the Foundry Sand shall be documented on the required Municipal Solid Waste Landfill Daily Log of Operations, Form 3 on each day it is used as alternative daily cover material.

Mr. Chris Carpenter, General Manager

Page 3

9. Nothing in this letter shall be construed to authorize any waiver from the requirements of any other applicable federal or state laws or regulations. This letter shall not be interpreted to release the owner/operator of the Williams County Landfill from responsibility under Chapters 3704, 3714, 3734, or 6111 of the Ohio Revised Code; under the Federal Clean Water Act, Resource Conservation and Recovery Act, or Comprehensive Environmental Response, Compensation, and Liability Act; or from any other applicable requirements for remedying conditions resulting from any release of contaminants to the environment.

You are hereby notified that this action of the Director of the Ohio Environmental Protection Agency is final and may be appealed to the Environmental Review Appeals Commission (Commission) pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director within three (3) days of filing with the Commission. An appeal may be filed with the Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street
Room 222
Columbus, Ohio 43215

If there are any questions regarding this authorization, please contact Mike Reiser of Ohio EPA, Northwest District Office at (419) 373-3126.

Sincerely,

Joseph P. Koncelik, Director

JPK/mg/sw

pc: Mike Reiser, DSIWM, NWDO
Ellen Gerber, DSIWM, NWDO
Scott Hester, DSIWM, CO