



**Environmental  
Protection Agency**

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

OHIO E.P.A.

DEC 23 2011

ENTERED DIRECTOR'S JOURNAL



I certify this to be a true and accurate copy of the official documents as filed in the records of the Ohio Environmental Protection Agency.

By John R. Kasich Date: 12-23-11

DEC 23 2011

Crawford County Board of Commissioners  
Crawford County Courthouse  
112 East Mansfield Street  
Bucyrus, Ohio 44820

Gary Adkins  
Santek Environmental  
5128 Lincoln Highway East  
Bucyrus, Ohio 44820

**Re: Crawford County Landfill, Crawford County  
Alternative Daily Cover Material Approval**

Dear Commissioners and Mr. Adkins:

On October 20, 2011, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northwest District Office (NWDO) received a written request for authorization to use an alternative daily cover material in accordance with Ohio Administrative Code (OAC) Rule 3745-27-19(F)(3) at the Crawford County Landfill (Facility) located in Crawford County. OAC Rule 3745-27-19(F)(3)(b) states, "The director may approve alternative materials, other than solid waste, or other thicknesses for daily cover if the owner or operator can demonstrate to the satisfaction of the director that the proposed alternative material or thickness provides protection that is comparable to six inches of soil and is protective of human health and the environment."

Specifically, the owner or operator requested to use one (1), PACTEC, Inc, LandPac 7.5 oz/sy (250 g/m<sup>2</sup>) coated woven polypropylene tarp (LandPac Tarp), or one (1), AmCon Environmental, Inc., Beltech 113, 7.5 oz/sy woven polypropylene tarp (Beltech Tarp). A total area of 20,000 square feet will be utilized at any one time. Ohio EPA has reviewed the information contained in the request and has determined that the LandPac Tarp and Beltech Tarp have the potential to provide protection comparable to six (6)

inches of soil as required by OAC Rule 3745-27-19(F). Therefore, pursuant to OAC Rule 3745-27-19(F)(3)(b), I hereby authorize the owner or operator of the Crawford County Landfill to use either the LandPac Tarp or the Beltech Tarp as an alternative daily cover material at the Facility, subject to the following conditions:

### CONDITIONS

1. This authorization is limited to the use of either the LandPac Tarp or the Beltech Tarp at the Facility. No other alternative daily cover material may be used at the Facility without prior authorization from Ohio EPA.
2. The owner or operator shall place the LandPac Tarp or the Beltech Tarp over exposed waste materials at the end of each working day, or more frequently if necessary, to control fire hazards, blowing litter, odors, dust, insects, birds, rodents, or other vectors. The LandPac Tarp or the Beltech Tarp shall be removed or otherwise prepared as necessary so as not to impede the flow of leachate to the leachate management system.
3. Any scrap tires used by the owner or operator to secure the LandPac Tarp or the Beltech Tarp shall be managed in accordance with Ohio Revised Code (ORC) Chapter 3734 and the rules promulgated thereunder.
4. If inclement weather conditions will render the placement or use of the LandPac Tarp or the Beltech Tarp ineffective or otherwise unsatisfactory, the owner or operator shall temporarily revert to using conventional 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 material is able to perform effectively under the inclement conditions.
5. If the owner or operator determines that the LandPac Tarp or the Beltech Tarp 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 by Ohio EPA at the Facility. The owner or operator shall verbally notify Ohio EPA, NWDO and the Crawford County Health Department of this action by the end of the next working day and shall submit written notification to Ohio EPA, NWDO and the Crawford County Health Department within fourteen (14) calendar days. This notification is not necessary if the use of the LandPac Tarp or the Beltech Tarp ceases on a temporary basis in accordance with Condition Number 4.
6. If Ohio EPA or the Crawford County Health Department determines that the use

of the LandPac Tarp or the Beltech Tarp is ineffective or otherwise unsatisfactory under normal operating conditions, then permission to use one or both materials may be revoked upon written notification from the director of Ohio EPA. Immediately upon such revocation, the owner or operator shall cease using the LandPac Tarp or the Beltech Tarp 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. The LandPac Tarp or the Beltech Tarp 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 which has been covered with the LandPac Tarp or the Beltech Tarp 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 owner or operator shall promptly replace or repair the LandPac Tarp or the Beltech Tarp if it becomes frayed, torn, ripped, or otherwise rendered unusable and is therefore no longer able to serve its intended purpose.
9. The use and location of the LandPac Tarp or the Beltech Tarp shall be documented on the required Municipal Solid Waste Landfill Daily Log of Operations, Form 3 each day that either of these materials is used as alternative daily cover material.
10. 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 or operator from responsibility under ORC Chapters 3704, 3714, 3734, or 6111; under the Federal Clean Water Act, the Resource Conservation and Recovery Act, or the Comprehensive Environmental Response, Compensation, and Liability Act; or from other applicable requirements from remedying conditions resulting from any release of contaminants to the environment.

#### **END OF CONDITIONS**

You are hereby notified that this action of the Director of Environmental Protection (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised Code Section 3745.04. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated that payment of the full amount of the fee

would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
77 South High Street, 17<sup>th</sup> Floor  
Columbus, Ohio 43215

If you have any questions concerning this letter, please contact Tyler Madeker of Ohio EPA, NWDO at (419) 373-3078.

Sincerely

A handwritten signature in black ink, appearing to read 'S. Nally', written over the word 'Sincerely'.

Scott J. Nally  
Director

pc: Ronald Zitek, North Point Engineering  
Kate Siefert, Crawford County Health Department  
Rob Burnette, Santek Environmental  
Ned O'Loughlin, DMWM-NWDO  
Mike Reiser, DMWM-NWDO