



State of Ohio Environmental Protection Agency

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Knox County Commissioners
117 East High Street
Mount Vernon, Ohio 43050

**Re: Knox County Landfill, Knox County
Corrective Measures Plan Revision
Inclusion of Monitoring Wells CW2 and CW8A**

Dear Commissioners:

On March 18, 2005, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Central District Office (CDO) received a document titled *Amendment To Knox County Landfill Corrective Measures Plan* (hereafter referred to as "Amendment"). The Amendment was submitted by Bennett & Williams, Inc. on behalf of the Knox County Commissioners for the closed Knox County Landfill (Facility) located in Knox County.

The Facility's existing corrective measures plan (CMP) was approved by the Director on September 15, 2000. The Facility's CMP includes a "corrective measures monitoring program" for volatile organic compounds (VOCs) and a "compliance monitoring program" for inorganic constituents. The Amendment requests that the CMP be revised to include ground water monitoring wells CW2 and CW8A.

Monitoring well CW2 is being proposed for inclusion in the "corrective measures monitoring program" due to borderline fluctuations across the PQL and statistical trigger boundaries for two VOCs, 1,1-dichloroethane and cis-1,2-dichloroethene. These fluctuations are most likely due to a combination leachate-landfill gas release. Under the Amendment, well CW2 will be monitored for several additional VOCs and the concentration trends will be evaluated.

Monitoring well CW8A is being proposed for inclusion in the "compliance monitoring program" due to chloride exceeding its statistical limit of 40 mg/L. No other statistically significant constituents have been detected in this well. Under the Amendment, semi-annual monitoring of well CW8A will be performed for chloride, sodium, and ammonia and concentration trends will be evaluated.

Should an increasing concentration trend be identified in either well, the well(s) will be further evaluated following the requirements in the CMP that was approved on September 15, 2000, and the May 2004 Revised Ground Water Monitoring Plan.

Bob Taft, Governor
Jennette Bradley, Lieutenant Governor
Joseph P. Koncelik, Director

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CMP Revision Approval
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Ohio EPA has reviewed the request and concurs with the Amendment. Therefore, I hereby approve revising the Knox County Landfill CMP to include ground water monitoring wells CW2 and CW8A.

You are hereby notified that this action of the Director of Ohio EPA is final and may be appealed to the Environmental Review Appeals Commission (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. 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 S. Fourth St.
Room 222
Columbus, OH 43215

If you have any questions regarding this approval, please contact Laura Parkinson of Ohio EPA, CDO at (614) 728-3889.

Sincerely,

Joseph P. Koncelik
Director

JPK/LP/JS/sw

cc: Knox County Health Department
William Smith, Bennett & Williams, Inc.
DDAGW-CDO
CDO file