



State of Ohio Environmental Protection Agency

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Mr. John Butler  
Rumpke Waste, Inc.  
10795 Hughes Road  
Cincinnati, Ohio 45251

**Re: Bond Road Landfill, Hamilton County  
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c)(ii) Approval**

Dear Mr. Butler:

On November 1, 2004, the Ohio Environmental Protection Agency (Ohio EPA), Division of Solid and Infectious Waste Management (DSIWM), Southwest District Office (SWDO) received a document titled "Statistical Analysis for Ground-Water Detection Monitoring, 2004 Second Semiannual Results, Bond Road Landfill Site, Inc." for the Bond Road Landfill (Facility) located in Whitewater Township, Hamilton County. This document was submitted by Eagon & Associates, Inc., on behalf of the Facility, and contains the ground water sampling results and the statistical analysis from the August 30 to September 1, 2004, ground water sampling event at the Facility.

According to the document, a statistically significant increase for sodium (78.1 mg/l) was detected at monitoring well M-14. The document also included a request to continue detection monitoring at monitoring well M-14 and a demonstration, in accordance with OAC Rule 3745-27-10(D)(7)(c)(ii), which concluded that the statistically significant increase for sodium in monitoring well M-14 was not the result of the landfill.

Pursuant to OAC Rule 3745-27-10(D)(7)(c)(ii), the owner or operator may demonstrate that a source other than the sanitary landfill facility caused the contamination, or that the statistically significant change resulted from error in sampling, analysis, or statistical evaluation or natural variation in ground water quality. The November 1, 2004, document concluded that the statistically significant increase for sodium at monitoring well M-14 was due to natural variation in ground water quality, not the landfill.

Ohio EPA has reviewed the applicable information, and we concur with the November 1, 2004, demonstration. Therefore, pursuant to OAC Rule 3745-27-10(D)(7)(c)(ii), the owner or operator is hereby authorized to continue the detection monitoring program at the Facility for monitoring well M-14.

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

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Should future or existing ground water sampling results indicate statistically significant increases in ground water monitoring parameters, the owner or operator will be required to either enter into assessment monitoring in accordance with OAC Rule 3745-27-10(E) or obtain approval to remain in the detection monitoring program.

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 after 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 you have any questions concerning this letter, please contact Holly Hillyer of Ohio EPA, SWDO at (937) 285-6072.

Sincerely,

Joseph P. Koncelik  
Director

JPK/HH/MM/sw

cc: Scott Hester, DSIWM-CO  
Tracy Buchanan, DSIWM-SWDO  
Tim Ingram, Hamilton County General Health District  
Steve Lowry, DDAGW-SWDO