



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

Pike Sanitation, Inc.  
Attention: Michael Migyanko  
123 South Lock Street  
Waverly, Ohio 45690

**Re: Pike Sanitation Landfill, Pike County  
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c) Approval**

Dear Mr. Migyanko:

On September 28, 2004, the Southeast District Office (SEDO) of the Ohio Environmental Protection Agency (Ohio EPA) received a report from Pike Sanitation Landfill titled *Statistical Analysis of Groundwater Data, July 2004 Semiannual Detection Monitoring - Pike Sanitation Landfill, Pike County Ohio*. The report included data for the July 2004 sampling event. Two statistically significant increases were identified within the report: xylene in monitoring well RB-22RD and toluene in monitoring well RB-15R.

In accordance with Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(b), Pike Sanitation notified the director of the significant changes from background values within the required seventy-five days of withdrawing the samples.

The ground water report also contained a demonstration which concluded that the statistically significant increases of xylene in monitoring well RB-22RD and toluene in monitoring well RB-15R were the result of an alternate source other than the landfill. Naturally occurring hydrocarbons have been found in the Berea at the site and were attributed as being the source of these volatile organic compound (VOC) triggers.

The demonstration was reviewed by the Division of Drinking and Ground Waters (DDAGW) and the Division of Solid and Infectious Waste Management (DSIWM). Upon review, the data submitted adequately supports Pike Sanitation's conclusion for the statistically significant increases.

Based on the demonstration provided, the statistically significant increase for xylene in monitoring well RB-22RD and toluene in monitoring well RB-15R reported in the 2004 second semi-annual ground water statistics report appear to be false statistical positives. Therefore, Ohio EPA approves continuation of the detection monitoring program in accordance with OAC 3745-27-10(D)(7)(c)(ii) for the wells and parameters specified above.

Bob Taft, Governor  
Jennette Bradley, Lieutenant Governor  
Christopher Jones, Director

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Should future ground water sampling results indicate statistically significant increases in ground water monitoring parameters at any of the detection monitoring wells, you must either enter them into assessment monitoring in accordance with OAC 3745-27-10(E) or obtain an approval to keep them in the detection monitoring program.

You are hereby notified that this action of the director of the Ohio EPA is final and may be appealed to the Environmental Review Appeals Commission (ERAC) pursuant to Ohio Revised Code (ORC) 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 ERAC within 30 days after notice of the director's action. A copy of the appeal must be served on the director within three days of filing with ERAC. An appeal may be filed with ERAC at the following address:

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

If you have any questions, please feel free to contact Dan Bergert in the Division of Solid and Infectious Waste Management at (740) 380-5438.

Sincerely,

Steven C. Skinner, P.E., Chief  
Southeast District Office  
for Christopher Jones, Director

SS/CJ/DB/jg

cc: Pike County Health Department  
Scott Hester, DSIWM, CO  
SEDO-DSIWM  
SEDO-DDAGW