



State of Ohio Environmental Protection Agency

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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 26, 2005, the Southeast District Office (SEDO) of the Ohio Environmental Protection Agency (Ohio EPA) received a report from Pike Sanitation Landfill (Pike) titled *Statistical Analysis of Groundwater Data, July 2005 Semiannual Detection Monitoring - Pike Sanitation Landfill, Pike County Ohio*. The report included data for the July 2005 sampling event. Three statistically significant increases were identified within the report: barium, nickel, and selenium in well RB-28RD.

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.

On November 10, 2005, SEDO received a demonstration from Pike which concluded that the three statistically significant increases within monitoring well RB-28RD were the result of an alternate source other than the landfill. On December 12, 2005, Ohio EPA sent comments to Pike requesting more information to determine whether the alternate source demonstration (ASD) was valid. On January 20, 2006, SEDO received the requested additional information.

The ASD concluded that the statistically significant increases in monitoring well RB-28RD were false statistical positives. Barium was related to natural variation; nickel was demonstrated to be related to a bladder pump screen that was corroded, which was construed as a sampling error; and, selenium was related to laboratory error due to matrix interferences.

The demonstration and additional information 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.

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

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Based on the demonstration provided, the statistically significant increases for barium, nickel, and selenium in monitoring well RB-28RD reported in the 2005 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 well and parameters specified above.

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 Joseph P. Koncelik, Director

SS/DB/jg

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