



**Environmental  
Protection Agency**

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

OHIO E.P.A.

DEC 16 2011

ENTERED DIRECTOR'S JOURNAL



December 16, 2011

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.

Mr. Dana M. Sheets, P.E.  
Waste Management Section  
American Electric Power  
1 Riverside Plaza  
Columbus, Ohio 43215-2373

By: *Scott J. Nally* Date: 12-16-11

**RE: Gavin Residual Waste Landfill  
Ohio Administrative Code (OAC) Rule 3745-30-08(E)(5) Approval**

Dear Mr. Sheets:

On June 2, 2011, the Southeast District Office (SEDO) of the Ohio Environmental Protection Agency (Ohio EPA) received a document titled *Groundwater Well 9806 Assessment Report* for the General James M. Gavin Plant Residual Waste Landfill (Facility) located in Gallia County. The document was submitted by AEP, pursuant to OAC Rule 3745-30-08(E)(5). This report requested approval to return to detection monitoring for Well 9806.

The June 2, 2011, Assessment Report for Well 9806 contains a request to return well 9806 to detection monitoring at the Gavin Landfill pursuant to OAC 3745-30-08(E)(5).

Based on a review of the June 2, 2011 Assessment Report, Ohio EPA supports the request to return Well 9806 to detection monitoring status. The Assessment Report concludes that the increase in chloride is not the result of a release from the landfill. The report indicates increased pore pressures are causing infiltration of Cow Run saline waters up into the Morgantown formation (Well 9806). The report contains sufficient data, such as water level measurements, chloride/bromide ratio comparisons of leachate and formation water, under drain analyses, additional statistics and chemical analyses to support the conclusions. It appears the request meets the requirements of OAC 3745-30-08(E)(5). Therefore, Ohio EPA supports the request to the director to return Gavin Well 9806 to detection monitoring. However, Ohio EPA does not support the request to suspend the statistical analysis of chloride on data from Well 9806. The facility should use the chloride data collected during the assessment period and request that the director update background data for the statistical analysis.

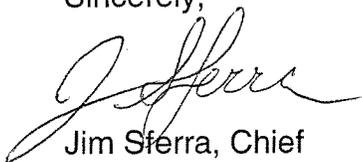
**Gallia County**  
**Gavin Residual Waste Landfill**  
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You are hereby notified that this action of the Director of Environmental Protection (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised 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

AEP also submitted a request to return Well 94138 to detection monitoring. Ohio EPA has completed review of the April 26, 2011, Assessment Report for Well 94138. Comments for that report are being sent to you in separate correspondence. If you have any questions or require further assistance, please contact Mr. Peter C. Thompson of Ohio EPA's Southeast District Office at 740-380-5219.

Sincerely,



Jim Sferra, Chief  
Southeast District Office  
For Scott J. Nally, Director

cc: Ms. Barb Bradley, Gallia County Health Department  
Mr. Scott Hester, DMWM, CO  
Mr. Rich Fox, DMWM, SEDO

JS/SJN/jg