



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

TELE: (607) 255-6357 FAX: (607) 255-6240
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

June 30, 2009

Paul Terrell
Village Administrator
Village of Cedarville
P. O. Box 51
Cedarville, Ohio 45314

**RE: Village of Cedarville Closed Landfill,
Groundwater monitoring data Spring 2006 to Fall 2008**

Dear Mr. Terrell:

At the request of the Division of Solid and Infectious Waste (DSIWM), the Division of Drinking and Ground Water (DDAGW) has reviewed the groundwater monitoring data from the spring of 2006 to the fall of 2008 for the closed Cedarville Landfill. The laboratory reports of the data were submitted together on April 28, 2009 to Ohio EPA Southwest District Office (SWDO). The following violations are a result of that review.

1. **The owner/operator of the closed Cedarville Landfill is in violation of Ohio Administrative Code (OAC) Rule 3745-27-10(C)(8).** No statistical analysis of the data was submitted as required by OAC Rule 3745-27-(C)(8) which states:

Determination of a statistically significant increase over background. The owner or operator shall determine whether or not there is a statistically significant increase over background for each parameter or constituent required to be statistically analyzed within the ground water monitoring program. The owner or operator shall make this determination each time he assesses ground water quality. To determine whether a statistically-significant increase or decrease has occurred, the owner or operator shall compare the ground water quality of each parameter or constituent at each downgradient ground water monitoring well to the background value of that parameter or constituent according to the statistical procedures specified in paragraphs (C)(6) and (C)(7) of this rule.

2. **The owner/operator of the closed Cedarville Landfill is in violation of Ohio Administrative Code (OAC) Rule 3745-27-10(C)(3)(b).** No determination of the direction of groundwater flow was made for the uppermost aquifer as required by OAC Rule 3745-27-10(C)(3)(b), which states;

The owner or operator shall at least semiannually and in conjunction with any major sampling event involving more than half the wells in the system or zone monitored determine, for the uppermost aquifer system and for all significant zones of saturation monitored, the direction of ground water flow each time ground water elevation measurements are performed.

3. **The owner/operator of the closed Cedarville Landfill is in violation of Ohio Administrative Code (OAC) Rule 3745-27-10(C)(3)(d).** Potentiometric surface maps were not submitted as required by OAC Rule 3745-27-10(C)(3)(d) which states;

Potentiometric maps shall be constructed using the collected ground water elevation measurements and shall be included with the sampling data submittal.

4. **The owner/operator of the closed Cedarville Landfill is in violation of Ohio Administrative Code (OAC) Rule 3745-27-10(C)(10).** The ground water monitoring data was not submitted within 75 days after sampling the monitoring wells as required by OAC Rule 3745-27-10(C)(10).

Please submit the required documents as soon as possible. If you would like to have a meeting to discuss the above violation Rich Bendula or I can be reached at (937) 285-6357 to schedule a date and time.

Sincerely,



Jill Olberding, R.S.
Division of Solid and Infectious Waste Management

cc: Rich Bendula Ohio EPA DDAGW/SWDO
ec: Beth Lackey, Greene County Combined Health District