



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korfeski, Director

Re: 2009 Annual Solid Waste Operational Report  
Lafarge Corporation Landfill, Paulding County  
Notice of Violation

October 7, 2010

Mr. Ben Fogle  
Environmental Manager  
Lafarge Corporation  
11435 Road 176  
P.O. Box 160  
Paulding, Ohio 45879

Dear Mr. Fogle:

The Ohio Environmental Protection Agency (Ohio EPA), Northwest District Office (NWDO) received the 2009 Annual Solid Waste Operational Report (Report) on March 30, 2010, for the Lafarge Corporation Residual Waste Landfill (Facility). The Report has been reviewed by the Division of Solid and Infectious Waste Management (DSIWM) and the Division of Drinking and Ground Waters (DDAGW) to determine its compliance with the regulations required by Ohio Administrative Code (OAC) Rule 3745-30-14(M) and OAC Rule 3745-30-08(B)(5). The following are comments noted in the review of the Report.

1. The topographic maps provided in Section 14 correctly show the information required in OAC Rule 3745-30-14(M)(1). However, "Phase 2 Comparison 2009 Annual Operational Report," Sheet 3 of 3, indicates waste has been placed above the approved limits. Sheets 1 of 3 and 2 of 3, note 5, also states that "residual waste has been placed within the horizontal and vertical limits contained within PTI #03-9614 except as noted on Sheet 3 of 3." **The owner/operator of Lafarge Corporation is in violation of OAC Rule 3745-30-14(B)(2) for failing to conduct all operations in accordance with the Facility's permit to install number 03-9614, by placing waste above the approved limits at the eastern slope of Phase 2, near N 3200 and E 12700.** During a phone call conversation on August 27, 2010, Ohio EPA made you aware of the violation letter that would be issued to Lafarge if you were unable to provide documented evidence to Ohio EPA, by September 30, 2010, that the overfill had been corrected. Ohio EPA also reminded you of the September 30, 2010, deadline during the September 14, 2010, inspection. Even though you have indicated that the overfill condition has been corrected, please be advised that this violation will continue to exist until such time that an updated Isopack, or other relevant documentation, is submitted to Ohio EPA verifying that the overfill condition has been corrected.

#### **Groundwater Comments**

2. Compliance with OAC Rule 3745-30-08(B)(5) cannot be determined at this time. This rule requires the owner operator (Lafarge Corporation) to evaluate the ground water surface elevation data to determine whether the requirements of paragraph (B) of this rule for locating the monitoring wells continue to be satisfied. Lafarge needs to respond as to whether the ground water monitoring network continues to meet the requirements described in paragraph (B)(4) of OAC Rule 3745-30-08.

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Requirements for locating monitoring wells are listed in paragraphs (B)(1), requiring the network to include sufficient number of wells to yield ground water samples from upgradient and downgradient wells from both the uppermost aquifer system and any significant zones of saturation that exist above the uppermost aquifer system and (B)(4), requiring the network to include wells of sufficient number, spacing, and depth to be capable of detecting a release from the landfill facility to the ground water at the closest practicable location to the limits of solid waste placement. The Annual Report states the network continues to satisfy the ground water monitoring system requirements of OAC 3745-30-08(B)(1). However, the report does not mention whether the monitoring network continues to meet the requirement described in paragraph (B)(4).

3. Compliance with OAC Rule 3745-30-14(M)(7) cannot be determined at this time. This rule requires the annual operational report to include information summarizing the previous calendar year's operation of maintenance performed on the leachate management system, ground water monitoring system, explosive gas monitoring system, and repairs to the cap from erosion, settlement/ponding, and leachate outbreaks. Lafarge Corporation needs to respond as to whether there was any maintenance performed on the ground water monitoring system.

The Annual Operational Report only mentions repairing one area of erosion. Lafarge needs to state whether any maintenance was performed on the leachate management system, ground water monitoring system, and explosive gas monitoring system during 2009.

The Ohio EPA attempted to resolve the two groundwater comments through an e-mail correspondence sent to you on August 26, 2010. However, Ohio EPA did not receive correspondence back responding to the e-mail. Therefore, the two groundwater comments were included in this letter.

An engineering review will follow under separate cover, if appropriate. Should DSIWM's Planning Unit, Central Office, have any further comments, a separate correspondence may also follow. If you have any questions please feel free to contact me at (419) 373-3079.

Sincerely,



Jeremy Scoles, RS  
Environmental Specialist II  
Division of Solid and Infectious Waste Management

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po: ~~File: Paulding County, Lafarge Corp. Landfill, Annual Report Correspondence.~~  
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