



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Inspection Results
Lafarge Corporation Landfill
Paulding County

March 31, 2009

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

Dear Mr. Fogle:

On March 24, 2009, I represented the Ohio Environmental Protection Agency (Ohio EPA) and conducted an inspection of the Lafarge Corporation Landfill (Facility) for compliance with the residual waste regulations contained in Chapter 3745-30 of the Ohio Administrative Code (OAC). The Lafarge Corporation Landfill is currently classified as a Class III residual waste landfill. You represented the facility during the inspection. The weather at the time of the inspection was partly cloudy and cool.

An administrative survey of the Facility records was conducted. The daily, weekly, and monthly inspection logs for December 5, 2008, through March 22, 2009, were inspected. Form 2 was missing the daily amount of Cement Kiln Dust (CKD) disposed at the Facility for the past five months. However, this information is available via the electronic "monthly operating report" and "daily material handling mobile equipment record" kept by the Facility. These documents accurately show the amount of CKD disposed at the Facility over the past five months. However, **please ensure Form 2 is completed in its entirety.** Please continue to ensure all personnel are aware of the importance of completing the inspections and properly completing the log.

In a May 3, 2007, letter from Ohio EPA, it was requested that the owner/operator provide a drawing of Phase 2 at an appropriate scale to allow for review. The drawing submitted within the 2006 annual report made it impossible to read the contours, and therefore difficult to determine compliance with the permitted maximum elevation. The maximum permitted waste elevation is 750'. In the October 25, 2007, response to comments regarding the 2006 AR, the owner/operator states, "The scale and contour of the annual report drawings are consistent with the approved plans in accord with the requirements of OAC Rule 3745-30-14(M)(1). In lieu of revised base maps, the facility will provide a supplemental Isopack of the active phase to facilitate comparison of the actual vertical and horizontal limits of emplaced waste to the authorized vertical and horizontal limits of waste placement."

Ohio EPA received the supplemental Isopack of the active phase on April 30, 2008. The investigation into existing intermediate cover, as reflected in the October 25, 2007, letter from the owner/operator, seems to indicate that the CKD elevation does not exceed 750 feet. However, the Isopack submitted on April 30, 2008, shows an overfill condition. In addition, during the inspection on May 6, 2008, you indicated that there were three areas of overfill on top of Phase 2. These overfills were indicated by blue flagged stakes.

Mr. Ben Fogle, Environmental Manager
March 31, 2009
Page 2

In accordance with OAC Rule 3745-30-14(B)(2), "the owner or operator shall conduct all construction and operation...in strict compliance with the applicable authorizing document(s), including permit(s) to install..." During the September 2, 2008, inspection the owner/operator indicated that the overfill conditions in Phase 2 had been corrected. However, Ohio EPA has not received any supporting documentation from the owner/operator of the Facility indicating that the overfill condition has been corrected.

In a annual report correspondence letter dated July 25, 2008, from Ohio EPA to the owner/operator of the Facility, the owner/operator was cited 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. **Please be advised that the owner/operator of the Facility remains in violation of OAC Rule 3745-30-14(B)(2) and will remain in violation until Ohio EPA is provided with an updated Isopack, or other relevant documentation verifying that the overfill condition has been corrected.** Ohio EPA anticipates that adequate documentation verifying that the overfill condition has been corrected will be provided within the 2008 Annual Report submittal, due April 1, 2009.

Furthermore, during the December 5, 2008, inspection, it was discovered that CKD was pushed down the western slope of Phase 2, near the high wall, and was outside the limits of waste placement. The CKD in this 45 foot section has been removed and placed back inside the limits of waste placement, as visually confirmed during this inspection.

At the time of the inspection, you informed Ohio EPA that CKD has been mined out of the CKD landfill for use in road construction at various locations outside the limits of waste placement. Ohio EPA concurs with this recycling activity of CKD. However, **Ohio EPA requests that all future mining activities of the emplaced CKD waste be discussed with Ohio EPA before commencing, so Ohio EPA may issue the proper authorization.** Proper communication before mining of the emplaced waste must occur to evaluate any impact on phasing, slope stability, and constructed cap. Failure to notify Ohio EPA in advance of any mining activities of the CKD waste could result in a violation of rules contained in OAC Chapter 3745-30.

During the inspection erosion was noted on the Phase 2, Stage 5A floor. As stated by the owner/operator, the erosion is the result of the recent heavy rains in March. The erosion is deep enough to raise concerns on whether the erosion cut deep enough into the one-and-a-half (1.5) feet of frost protection in this area. Please investigate the extent of the erosion and verify that the erosion has not impacted an engineered component of the landfill, specifically the drainage layer or recompacted soil liner. Please provide documentation on the results of the inspection.

This correspondence addresses specific observations only for the areas of the Lafarge Corporation Class III residual waste landfill that were inspected. Nothing present in, nor absent from this correspondence is intended to mean that no other violations existed at the Facility at the time of inspection.

Mr. Ben Fogle, Environmental Manager
March 31, 2009
Page 3

Compliance with the requirements outlined in this letter, or the solid and infectious waste provisions contained in Ohio Revised Code Chapter 3734 and the rules promulgated thereunder, does not relieve the owner/operator of Lafarge Corporation Landfill from their obligation to comply with other applicable state and federal laws and regulations.

Please contact me at (419) 373-3079 if you have any questions concerning this inspection.

Sincerely,



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

/lir

pc: Paulding County, Lafarge Corporation, Inspections
 Paulding County, Lafarge Corporation, Annual Report Correspondence

ec: Rick Mazur, Mike Reiser