


Memo

To: Phil DeITurco 
From: Daniel Burke, P.E., P.P.
CC: Mayor Reina
Date: 7/8/2009
Re: Legler Landfill

Attached is a copy of a letter dated 6/24/09 from NJDEP to my attention. The letter discusses the landfill gas emissions testing and the NJDEP's recently stated requirement to advance the cutoff trench to control offsite gas migration. I have reviewed the matter with Mr. John Vanderslice of French & Parrello Eng. (our current Environmental Engineering firm). He will review this matter with his staff and provide us with his thoughts and possible options. He will also review the ground water monitoring station in the area to determine the depth of the water table. We both believe that the depth is likely to be significant. We also agree that if we have to do the trenching as directed the cost will be considerable.



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOLID AND HAZARDOUS WASTE MANAGEMENT PROGRAM
BUREAU OF LANDFILL & HAZARDOUS WASTE PERMITTING
P.O. BOX 414 401 E.STATE STREET
TRENTON, NEW JERSEY 08625-0414
TELEPHONE: 609-984-6985 TELECOPIER: 609-633-9839
<http://www.state.nj.us/dep/dshw>

received
6/29/09

JON S. CORZINE
Governor

MARK N. MAURIELLO
Acting Commissioner

JUN 24 2009

Daniel Burke, Township Engineer
Township of Jackson
Jackson Township Administration Building
95 West Veterans Highway
Jackson, New Jersey 08527

RE: Quarterly Gas Monitoring Report
Jackson Township Landfill
Ocean County, New Jersey
Program Interest No. 132541

Dear Mr. Burke:

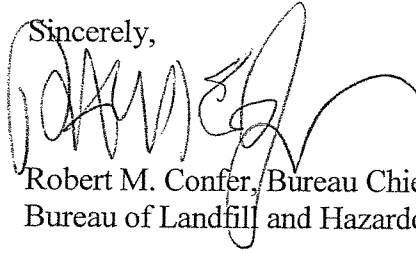
This in reference to a letter dated April 29, 2009 received from Mr. John Vanderslice, P.G., of French and Parrello Associates, accompanied by a quarterly landfill gas survey for the Jackson Township (aka Legler) Landfill.

The Department has reviewed the above-referenced landfill gas test results and determined that the landfill gas testing has been conducted in accordance with the requirements of N.J.A.C. 7-26-2A.8(h) and Condition No. 2 of the closure plan approval for the Jackson Township Landfill. Therefore, the submission of gas sampling results from the April 20, 2009 sampling episode is hereby accepted for the record.

As set forth in the Department's letter dated April 1, 2009, an interceptor trench backfilled with gravel shall be constructed along southwestern perimeter in order to mitigate potential landfill gas migration. To that end, you indicated in an email message to Mark Searfoss on April 6, 2009 that approvals for trench construction must be obtained from the Pinelands Commission and the Ocean County Soil Conservation District. Please submit construction plans and a schedule for the implementation of a trench system as soon they are finalized. The depth of trench shall extend to the groundwater table or keyed into a low permeability geologic formation wherever possible. Please be aware that should the trench method prove ineffective for the migration of methane gas, an upgraded gas venting system may be necessary depending on prevailing landfill gas conditions.

Should you have any questions regarding this letter, please contact Mark Searfoss at 609-984-6058 or by e-mail at mark.searfoss@dep.state.nj.us.

Sincerely,



Robert M. Confer, Bureau Chief
Bureau of Landfill and Hazardous Waste Permitting

LG09-6343

c: Rai Belonzi, BSWCE
Brian Petitt, BSWCE
Michael Gerchman, BLHWP
John Vanderslice, P.G., French & Parrello

NJEMS Document: April 2009 gas test results