



Carlos Alvarez, Mayor

**Environmental Resources Management**  
 Pollution Control Division  
 701 NW 1st Court • 4th Floor  
 Miami, Florida 33136-3912  
 T 305-372-6700 F 305-372-6729

Post-It® Fax Note	7871	Date	11-21-08	# of pages	2
To	ALEX ACOSTA	From	SERGE BEREGOVY		
Co./Dept.	BUREAU VERITAS	Co.	DERM		
Phone #	305-651-8483	Phone #	305-372-6700		
Fax #	305-651-4460	Fax #			

miamidade.gov

November 21, 2008  
 CERTIFIED MAIL NO. 7007 1490 0003 8081 3205  
 RETURN RECEIPT REQUESTED

Mr. Pedro G. Hernandez, City Manager  
 City of Miami  
 3500 Pan American Drive  
 Miami, FL 33133

RE: Summary of Geophysical Investigation and Proposed Testing locations dated September 17, 2008 and submitted by Bureau Veritas North America, Inc. for the Former Virginia Key Landfill (SW-1244/File-10613) located at, near, or in the vicinity of Virginia Key, Miami, Miami-Dade County, Florida.

Dear Mr. Hernandez:

The Pollution Control Division (PCD) of the Department of Environmental Resources Management (DERM) has reviewed the referenced submittal, received September 19, 2008, and hereby requires the following modifications:

1. A sufficient number of methane gas probes shall be added along the north boundary. In addition, DERM requires you to investigate any potential preferential pathways (e.g., electrical, gas, stormwater and sewer utility conduits, etc.) within and particularly surrounding the entire property that may facilitate off-site gas migration. In addition, ambient air monitoring shall be required near surface (i.e., within six (6) inches) in the vicinity of the proposed soil gas probes. Depending upon the results, additional assessment may be required.
2. Be advised that for DERM to provide comments regarding the proposed groundwater assessment, the proposed Deep, Intermediate, and Shallow monitoring well designations shall be revised to reference National Geodetic Vertical Datum (NGVD) rather than the Depth Below Land Surface (BLS) and construction details for monitoring wells MW-11, 13, 14, 15, and the undesignated shallow monitoring wells around the facility's perimeter shall be provided. Also, DERM requires that the undesignated monitoring wells referenced above be labeled in the next submittal. In addition, a revised site plan reflecting the above comments shall be submitted. Once DERM receives this information, comments concerning additional monitoring well placement may be provided.
3. The trenches along the west boundary shall be oriented perpendicular to the property line to aid in the interpretation of the landfill perimeter.

Therefore, within sixty (60) days of receipt of this letter, you are hereby required to submit to DERM for review an addendum to this report incorporating the comments referenced above.

Mr. Hernandez  
SW-1244/File-10613  
November 21, 2008  
Page 2 of 2

Failure to adhere to the items and timeframes stipulated above may result in enforcement action for this site.

If you have any questions regarding this letter please contact Serge V. Beregovoy at (306) 372-6700.

Sincerely,



Wilbur Mayorga, P.E., Chief  
Pollution Control Division

SVB

pc: Julie Brew – City of Miami Attorney's Office, 444 SW 2<sup>nd</sup> Ave, Suite 945, Miami, FL 33130  
Alex Acosta – Bureau Veritas, 10125 NW 116 Way, Suite 18, Miami, FL 33178  
Joe Lurix – FDEP (WPB)