



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary

April 28, 2011

Sent Via Email – alacsama@wm.com

Mr. Al Lacsamana  
District Manager – Closed Sites  
Waste Management  
1000 Parkwood Circle  
Suite 700  
Atlanta, GA 30339

**Re: *Alternate Source Demonstration - Chromium*  
Piedmont Landfill and Recycling Center, Permit #34-06**

Dear Mr. Lacsamana:

The Solid Waste Section has completed a review of the *Alternate Source Demonstration - Chromium* (Doc ID 13638) dated July 26, 2010 and submitted on behalf of Waste Management by Joyce Engineering, Inc. for the Piedmont Landfill, and Recycling Center. The *Alternate Source Demonstration – Chromium*. Chromium was detected above the NC 2L Groundwater Standard at groundwater monitoring well MW-03 during the March 10, 2010 water quality sampling event.

Per the *Alternate Source Demonstration – Chromium*, the purpose of this alternate source demonstration in accordance with 15A NCAC 13B .1633(c)(3) is to demonstrate that the source of the chromium detected in groundwater from groundwater monitoring well MW-03 in the March 2010 sampling event is natural and not indicative of a release from the landfill unit. In June 2010, soil samples were collected around the vicinity of groundwater monitoring well MW-03 about four to five feet below ground surface and analyzed for total chromium. The analytical soil results indicated elevated concentrations of chromium.

As a result, *Alternate Source Demonstration - Chromium* for groundwater monitoring well MW-03 is approved as described. If you have any questions or concerns regarding this letter, please contact me at 919-508-8500 or by email at [jaclynne.drummond@ncdenr.gov](mailto:jaclynne.drummond@ncdenr.gov).

Sincerely,

Jaclynne Drummond  
Compliance Hydrogeologist  
Solid Waste Section

cc via email: Mark Poindexter, Field Operations Supervisor  
Jason Watkins, Central District Supervisor  
John Patrone, Environmental Senior Specialist