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March 3, 2014

NCDENR Division of Waste Management – Solid Waste Section
Attn: Elizabeth S. Werner, Permitting Hydrogeologist
1646 Mail Service Center
Raleigh, NC 27699-1646

Fly Ash Structural Fill Site
Certification of Site Closure
Our Project # 11.205

Dear Ms Werner:

On March 5, 2012, Mr. Mussler wrote a letter of notification of approval of a proposal by The City of Winston-Salem to relocate an estimated 40,000 cubic yards of fly ash (Doc ID 16228).

This encapsulation was substantially complete at the end of August 2013, with only Mirafi HP 570 geofabric and 8 in. compacted ABC stone remaining to be placed. In our opinion, the stone and fabric are structurally sufficient to carry the intended low traffic volumes and loads for the intended use of the top of the structural fill site as a storage yard.

This firm designed the encapsulation and performed the compaction testing, essentially continuously. The criteria for compaction of the fly ash and thickness and compaction of the cap material in the approved design were met.

We certify that in the construction process, the requirements of North Carolina Solid Waste Management 15 A NCAC 13B Rules .1701, .1702, .1704 through .1710 were adhered to.

The City of Winston-Salem will submit separately a map signed and sealed by a licensed land surveyor and filed with the Forsyth County Register of deeds.

We will be pleased to answer any questions. Thank you for your help in the planning and execution this project.

Sincerely,
GeoScience & Technology, P.A.

Carl von Isenburg, PE
Senior Civil Engineer



CC recipients: please see over

CC: Jason Watkins, Western District Supervisor,
C.T. Gerstell, Environmental Specialist,
Ellen Lorscheider, Program Management Branch Head

Keith D. Huff, City of Winston-Salem Stormwater Division
Lance Covington, City of Winston-Salem Stormwater Division