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MICHAEL SCOTT
Acting Director

April 15, 2016

Sent Via Email – mike@griffinbrothers.com

Mr. Mike Griffin
Greenway Waste Solutions of Harrisburg, LLC
19109 West Catawba Avenue, Suite 200
Cornelius, NC 28031

Re: *Contaminant Delineation Plan for the Closed Phase I C&D Landfill*
North Mecklenburg Closed Phase I C&D Landfill
Mecklenburg County
Solid Waste Permit Number 6013
DIN 25969

Dear Mr. Griffin:

The Solid Waste Section has completed a review of the *Contaminant Delineation Plan for the Closed Phase I C&D Landfill* dated March 21, 2016 (DIN 25968) and submitted on behalf of Greenway Waste Solutions of Harrisburg, LLC by CEC, Inc. for the North Mecklenburg Closed Phase I C&D Landfill, Solid Waste Permit Number 6013. The plan was submitted in response to confirmed exceedances of the Appendix I constituents, specifically volatile organic compounds. An assessment was initiated in 2013 (DINs 19487 and 19520).

Within the *Contaminant Delineation Plan for the Closed Phase I C&D Landfill*, additional groundwater and vapor phase assessment is recommended to evaluate the observed groundwater impacts. The recommendations include:

- Evaluation of additional analytical leachate/landfill gas “indicator” parameters as a part of routine landfill monitoring to characterize the source of the groundwater impacts;
- Evaluation of the active landfill gas extraction system in the closed Phase I C&D Landfill as an effective interim groundwater remedy; and
- Development of a screening numerical model to simulate contaminant fate and transport to further evaluate risk associated with the migration of groundwater contaminants.

As a result, the *Contaminant Delineation Plan for the Closed Phase I C&D Landfill* is approved at this time. If you have any questions regarding this letter, please feel free to contact me at 828.296.4706 or by email at jaclynne.drummond@ncdenr.gov. Thank you for your continued cooperation with this matter.

Sincerely,

Jaclynne Drummond
Compliance Hydrogeologist
Solid Waste Section, Division of Waste Management
NCDEQ

cc sent via email:

John Brown, Griffin Brothers
Jason Watkins, Field Operations Branch Head
Deb Aja, Western District Supervisor
Teresa Bradford, Senior Environmental Specialist
Perry Sugg, Permitting Branch Hydrogeologist
John Murray, Permitting Branch Engineer
Ed Stephens, CEC, Inc.
Scott Brown, CEC, Inc.
Joe Hack, Mecklenburg County Solid Waste Management
Charles Dial, Mecklenburg County Solid Waste Management