



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

February 12, 2014

Pat McCrory
Governor

John E. Skvarla, III
Secretary

Sent Via Email – mike@griffinbrothers.com

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

Re: *Proposed Contaminant Delineation Plan*
North Mecklenburg C&D Landfill – Closed Phase I
Solid Waste Permit Number 60-13
DIN 20573

Dear Mr. Griffin:

The Solid Waste Section has completed a technical review of the *Proposed Contaminant Delineation Plan* dated February 6, 2013 (DIN 20547) and submitted by Enviro-Pro, P.C. on behalf of Greenway Waste Solutions, LLC. The *Proposed Contaminant Delineation Plan* was submitted in response to confirmed groundwater contamination at the facility in addition to the Solid Waste Section letters dated December 3, 2013 (DIN 20237) and January 21, 2014 (DIN 20437).

Greenway Waste Solutions, LLC will continue to further characterize the nature and extent of the groundwater contamination at the closed facility. Characterization is proposed to include the following: (1) a baseline risk assessment; (2) installation and sampling of two additional deep groundwater monitoring wells; (3) bedrock studies utilizing a downhole camera to obtain video of the geology and provide a better understanding of the drawdown and recharge characteristics of the aquifer; (4) developing the site conceptual model; and (5) utilizing the Hydraulic Evaluation of Landfill Performance (HELP) Model to predict infiltration of precipitation and leachate production.

The proposed activities will be completed within 60 days of Solid Waste Section approval, and a contaminant delineation report will be submitted within 90 days. As a result, the *Proposed Contaminant Delineation Plan* is approved as described.

If you have any questions or concerns regarding this letter, please feel free to contact me at 919-707-8294 or by email at jaclynne.drummond@ncdenr.gov. Thank you again for your continued cooperation with this matter.

Sincerely,

Jaclynne Drummond
Compliance Hydrogeologist
Solid Waste Section

cc sent via email:

Ellie Allen, Greenway Waste Solutions
Jason Watkins, Western District Supervisor
Teresa Bradford, Environmental Senior Specialist
John Murray, Permitting Engineer
Brian Wootton, Permitting Hydrogeologist
Tom Bolyard, Enviro-Pro, P.C.
Scott Brown, Civil and Environmental Consultants, Inc.