



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

August 15, 2013

Mr. Marty Stamey
Haywood County Manager
215 North Main Street
Waynesville, NC 28786

Re: Phase 4 Monitoring Well Installation Approval
Haywood County Closed Landfill – Francis Farm
Permit No. 44-03
Doc ID No. 19536

Dear Mr. Stamey:

The Solid Waste Section (Section) has reviewed the *Report of Groundwater Assessment: Monitoring Wells MW-14D, MW-16D, MW-19D, MW-20D, MW-22 through MW-25* (Doc ID #19535) submitted on your behalf by Bunnell-Lammons Engineering, Inc. on August 5, 2013. The Section approves the installation of one new monitoring well, MW-23D. The Section understands that the reasoning behind the new well installation is to achieve a full understanding of the vertical extent of the contaminant plume. The Section also approves the proposed schedule of well installation in the Fall of 2013 and sampling of the new well during the regularly scheduled semi-annual monitoring event in February 2014. The new well will be sampled for Appendix II VOCs EPA 8260, Total Metals EPA 6010/7470, Pesticides EPA 8081 and Cyanide SM 4500-CN-E. In addition, submit the well installation record (Form GW-1b) and boring log for the new monitoring well.

The Groundwater Assessment Report also mentioned surface water monitoring. The report stated the current surface water monitoring locations were not sufficient in properly monitoring the surface water surrounding the landfill and recommended four (4) new locations, one upstream (US-1) and three downstream (DS-1, DS-2, DS-3). These new locations are approved and shall be sampled during the next regularly scheduled semi-annual monitoring event in August 2013. The surface water shall be sampled for the same constituents listed above.

Thank you for your efforts and cooperation on this matter. If you have questions or concerns, please contact me via email Elizabeth.werner@ncdenr.gov or phone at (919) 707-8253.

Sincerely,

Elizabeth S. Werner
Permitting Hydrogeologist
Solid Waste Section

Cc: Stephen King - Haywood Co SW Director
Andrew Alexander, PG - BLE, Inc.
Mark Cathey, PE – McGill Associates
Michael Scott – SWS, Section Chief
Andrea Keller – SWS, Environmental Specialist
Jason Watkins – SWS, Field Operations Western Supervisor
Allen Gaither, PE – SWS, Permitting Engineer