



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor
Dee Freeman, Secretary

February 2, 2009

Mr. David B. Cotton
Haywood County Manager
215 North Main Street
Waynesville, NC 28786

Re: Leachate Seep Assessment Review
Haywood County Landfill-C&D Unit, Permit# 44-07

Dear Mr. Cotton:

The Solid Waste Section (Section) has reviewed the *Haywood County Construction and Demolition Debris Landfill Leachate Seep Assessment for White Oak Landfill* submitted by Mountain Environmental Services, Inc. on behalf of Haywood County. The assessment was conducted pursuant to the Compliance Order issued on July 17, 2008.

A total of four surface water samples were collected in the vicinity of the seeps after they were discovered on March 19, 2008. Volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) were not reported above laboratory detection limits in the surface water samples. The Section instructed Haywood County to conduct additional assessment which included collection of groundwater samples from existing monitor wells (MW-15, CD-6, and PZ-9), a downgradient surface water sample, three soil samples in the vicinity of the seep locations, and a background soil sample. The water and soil samples were analyzed for Appendix II VOCs and SVOCs, RCRA metals, and pesticides.

2-Butanone (MEK) detected in the MW-15 groundwater sample was reported above laboratory detection limits but below its 2L Groundwater Quality Standard. Various metals concentrations were reported in all groundwater samples at concentrations similar to previously reported monitoring results. There were no VOCs, SVOCs, or pesticides detected in the three soil samples collected near the seep areas. Metals reported in the soil samples were detected at concentrations consistent with the results of the background soil sample and did not indicate any evidence of impact. Based on the results of the assessment, Haywood County will not be required to conduct additional soil assessment and should proceed with an additional monitoring event to include MW-15 and PZ-9 as proposed in the report to confirm the presence of 2-Butanone (MEK).

Please contact me at 919-508-8516 or by email at ervin.lane@ncmail.net if you have any questions or concerns regarding this correspondence. Thank you for your continued cooperation with this matter.

Sincerely,



Ervin Lane
Hydrogeologist
Environmental Compliance
Solid Waste Section

cc: Justin Mahan, P.G., Mountain Environmental Services, Inc.
Teresa Townsend, Assistant Attorney General
Mark Poindexter, Field Operations Branch Head
Deb Aja, Western District Supervisor
Troy Harrison, Environmental Senior Specialist
Solid Waste Section Central Files