



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

October 8, 2014

Mr. Mike Cummings
Edgecombe County Solid Waste Manager
P.O. Box 10
Tarboro, NC 27886

Re: Soil and Surface Water Sampling Plan for Leachate Outbreaks
Edgecombe County Construction and Demolition Landfill, Permit #33-01

Dear Mr. Cummings:

The Solid Waste Section (Section) has reviewed the *Soil and Surface Water Sampling Plan for Leachate Outbreaks* submitted by S&ME, Inc. (S&ME) on behalf of Edgecombe County. The sampling plan was submitted in response to observed leachate outbreaks during inspections at the facility in June and August 2014 by Solid Waste Section (Section) personnel. The CDLF is located on top of the closed MSWLF and one of the outbreaks originating from the CDLF was being absorbed into the MSWLF cover and the other traveled beyond the MSWLF edge of waste.

S&ME proposes to collect discrete soil samples at two locations beyond the MSWLF edge of waste to assess the potential impact of the leachate outbreaks. A background soil sample will also be collected from the southern portion of the landfill beyond the edge of waste. The soil samples are proposed to be collected one to two feet below ground surface and analyzed for Appendix I volatile organic compounds, metals, and pH. S&ME has also proposed to use surface water analytical data collected during routine monitoring in lieu of additional surface water monitoring since leachate from the outbreaks would be directed into Jerry's Creek via the sediment control basin.

The Section approves the sampling plan as proposed under the condition that soil samples are also analyzed for BOD, COD, phosphorus, and sulfate. Please contact me at (919) 707-8288 or by e-mail at ervin.lane@ncdenr.gov if you have any questions or concerns regarding this letter. Thank you in advance for your cooperation in this manner.

Sincerely,

Ervin Lane
Compliance Hydrogeologist
Solid Waste Section

cc: Sam Watts, P.G., S&ME, Inc.
Jason Watkins, Field Operations Branch Head
Dennis Shackelford, Eastern District Supervisor
Ben Barnes, Environmental Senior Specialist

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