



April 19, 2013

Solid Waste Section, NCDENR-DWM
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Attention: Mr. Ervin Lane via email: ervin.lane@ncdenr.gov

Reference: Revision to Sampling and Analysis Plan
Edgecombe County Landfill (Permit No. 33-01)
Tarboro, North Carolina
S&ME Project No. 1054-07-238E

Dear Mr. Lane,

On behalf of Edgecombe County, S&ME, Inc., (S&ME) would like to verify approved changes to the Sampling and Analysis Plan (SAP) for the Edgecombe County landfill.

Monitored Natural Attenuation and Geochemical Parameter Sampling Schedule

In July 2012, S&ME submitted the *Baseline Water Quality and Monitored Natural Attenuation* (MNA) Report, in which changes to the SAP were requested. S&ME proposed modifying the SAP and discontinuing several MNA parameters. The Solid Waste Section (Section) response, dated September 17, 2012, indicated that the eliminations of the MNA parameters was not approved, but the sampling schedule was modified.

On January 18, 2013, S&ME personnel met with the Section to discuss changes to the SAP. During the meeting, the Section approved modifications to the SAP, in which MNA and Geochemical parameters are to be temporarily discontinued until the corrective measures, detailed in the *Corrective Action Plan* (CAP), prepared by S&ME and dated November 17, 2009, are implemented. Once the corrective measures are in place, the revised SAP for MNA and geochemical parameters will be implemented.

Based upon the discussion during the January 18, 2013 meeting, S&ME understands that the SAP for MNA and geochemical parameters will be as follows:

Parameter	Sampling Frequency	Monitor Wells
Chloride	18 months	Compliance
Sulfate	18 months	Compliance
Alkalinity	18 months	Compliance
Nitrate/Nitrite as N	18 months	Compliance
Sulfide	18 months	Compliance
Total Dissolved Solids	18 months	Compliance
Iron	18 months	Compliance
Manganese	18 months	Compliance
Ethene	18 months	Compliance
Ethane	18 months	Compliance
Methane	18 months	Compliance
Volatile Fatty Acids	18 months	Compliance
Biochemical Oxygen Demand	18 months	Compliance
Chemical Oxygen Demand	18 months	Compliance
Hydrogen	36 months	Compliance

The above schedule will begin with the first semi-annual monitoring event following the completion of the corrective measures described in the CAP.

S&ME appreciated the time taken to meet and discuss the above the revisions to the SAP. If you have any questions or comments, please contact us by email or by telephone at (919) 872-2660.

Sincerely,
S&ME, Inc.


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