



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

Pat McCrory  
Governor

Dexter R. Matthews  
Director

John E. Skvarla, III  
Secretary

SOLID WASTE SECTION

November 21, 2013

Sent Via Email – perry.white@GEOSC.com

Mr. Perry White,  
Geo-Specialty Chemicals  
PO Box 68  
Plymouth NC 27962

RE: Owen Borrow Pit – Solid Waste Demonstration Project  
Water Quality Monitoring Requirements –  
Plymouth, NC  
Washington County

Dear Mr. White:

The Solid Waste Section received on November 7, 2013, the September 2013 Annual Groundwater Sampling Report by S&ME, Inc., on behalf of Geo-Specialty Chemicals (GSC) regarding the Owen Farm Borrow Pit – Solid Waste Demonstration Project located in Plymouth, North Carolina.

Based on historical and recent groundwater data submitted, the Solid Waste Section will allow the groundwater sampling schedule be reduced from annually (September) to biannually (every second year) in September for the same constituents; Sulfate, Aluminum, Specific Conductivity, Temperature, and pH. The Solid Waste Section will also allow an Alternate Source Demonstration (ASD) be presented to the Solid Waste Section that is based on groundwater data obtained from the existing groundwater monitoring wells and additional temporary groundwater monitoring wells located further away from the former borrow pit. If groundwater data results from these wells conclude that the constituents; Aluminum and Sulfate are naturally occurring, then groundwater monitoring sampling requirements maybe possibly reduced further or ceased entirely.

If you have any questions or concerns regarding this letter, please feel free to contact me at (919) -707-8258 or by e-mail at Brian.Wootton@ncdenr.gov.

Sincerely,

Brian Wootton  
Hydrogeologist  
Solid Waste Section

cc: sent via email to Mr. Samuel P. Watts, P.G. - S&ME, Inc.  
Ms. Charita Redding - Manager of Safety & Environmental Affairs,  
Geo-Specialty Chemicals (GCS)  
Mr. Ed Mussler - Solid Waste Section  
Mr. Ervin Lane - Solid Waste Section