

Fac/Perm/Co ID #	Date	Doc ID#
85-03	5/12/10	10572

Frost, Larry

From: Kenneth Daly [KDaly@smeinc.com]
Sent: Wednesday, May 12, 2010 8:45 AM
To: Larry Frost
Cc: Larry Armstrong; William Miller; Cedric Ruhl; Sullivan, Ed M; Cook, Mike
Subject: Pine Hall Road Ash Landfill: Planned Activities

Larry,

I'm writing this in summary of our discussion this morning and to communicate our planned activities at the Pine Hall Road Ash Landfill.

We have experienced settlement of the landfill cover in the vicinity of the anchor trench at some locations around the landfill perimeter. In April we removed protective soil cover at some locations near the anchor trench to expose the cover system geosynthetics. Observations indicate that material has been moved from underneath the cover system geosynthetics and on the landfill side of the anchor trench. It is our opinion that water is transporting this material, as evidenced by the emergence of two ash/soil boils at the perimeter and deposition of this material at the perimeter.

We intend to install several temporary piezometers, through the cover system and into the landfill to observe conditions and monitor for the presence of water. We will penetrate the cover system to do this and provide a temporary seal around the penetrations. When the piezometers are abandoned, we will complete a permanent repair to the geosynthetics.

Please contact us if you have questions, comments, or would like more information.

Best regards,

Ken

Ken Daly, P.E.

Senior Project Engineer/Civil Engineering Department Manager



ENGINEERING INTEGRITY.

S&ME, Inc.
9751 Southern Pine Boulevard
Charlotte NC 28273 [Map](#)
Ph: 704-523-4726
Fax: 704-525-3953
Mobile: 704-604.6480
kdaly@smeinc.com
www.smeinc.com

This electronic message and its attachments are forwarded to you for convenience and "for information only." The message may represent a summary with limitations, conditions and further explanations omitted in the interest of brevity and time constraints. The contents of this electronic message and any attachments may be preliminary and incomplete, subject to review and revision. If this electronic transmittal contains Findings, Conclusions or Recommendations, S&ME, Inc. will submit a follow-up hard copy via mail or overnight delivery for your records, and this hard copy will serve as the final record. In the event of conflict between electronic and hard copy documents, the hard copy will govern. This electronic message and any attachments transmitted with it are the property of S&ME, Inc. and may contain information that is confidential or otherwise protected from disclosure. The information this electronic message contains is intended solely for the use of the