

Scanned By	Date	DOC ID	Permit
Backus	12/19/2012	17938	32F-LCID-

December 7, 2012

Ms. Patricia Backus, P.E.
Environmental Engineer II
Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

**RE: Fogleman & Fogleman Soils, Inc.
LCID Landfill and Recycling
Solid Waste No. Permit 32-F**



Dear Ms. Backus:

On behalf of Fogleman & Fogleman Soils, Inc., Smith Gardner, Inc. (S+G) is pleased to provide this response to issues arising from the collection and distribution of off-site soils. NCDENR-Division of Waste Management issued a request (**copy attached**) for “a soil screening plan outlining procedures that will be implemented to prevent the acceptance and sale of contaminated soil”.¹

We offer the following section (2.6.2 Off-Site Soil) detailing procedures for documentation and on-site soil testing to be added to the facility operations manual.

“2.6.2. Off-Site Soil

The facility may receive off-site soil for use in operations, placement of cover, and for sale, re-sale, and processing with the woody waste materials. Off-site soils shall be clean un-impacted materials. Documentation for soil loads shall be obtained for each project receipt. The documentation shall indicate the following (at a minimum):

- Date received,
- quantity,
- origination,
- if soil testing was performed and
- the corresponding ticket number.

Loads will be randomly subjected to screening (testing) prior to acceptance, utilizing the following procedure.

1. Collect a random grab sample and place it in a plastic “Ziploc” type bag and seal.

¹ December 6, 2012 letter from Ervin Lane to Linda Fogleman, Doc ID 17832.

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2. Position the bag in the sun to warm for a minimum of ten (10) minutes.
3. Break the seal to manually determine if foreign odors are present.

Alternative procedures may be used as warranted. Materials will also be visually checked for signs of deleterious materials, staining, mixed debris and/or rubbish.”

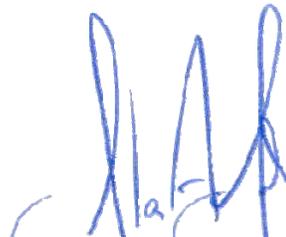
We appreciate your attention in this matter. Please feel free to contact us with any questions or concerns at (919) 828- 0577 or by email below.

Sincerely,

SMITH GARDNER, INC.



Madeline German, P.G.
Project Geologist, ext. 222
madeline@smithgardnerinc.com



Stacey A. Smith, P.E.
Project Manager, ext. 127
stacey@smithgardnerinc.com

mg/sas
att.

Cc: Mr. Ervin Lane, NCDENR
Mr. John Patrone, NCDENR
Ms. Linda Fogleman, Fogleman & Fogleman
Mr. Jay Fogleman, Fogleman & Fogleman
File



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

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

December 6, 2012

Ms. Linda Fogleman
Fogleman and Fogleman Landfill and Recycling Facility – LCID Landfill and Processing Facility
4005 Intermere Road
Durham, NC 27704

Re: Lower Soil Stockpile Removal – Final Report
Fogleman and Fogleman LCID Landfill, Permit #32F

Dear Ms. Fogleman:

The Solid Waste Section (Section) has reviewed the *Lower Soil Stockpile Removal – Final Report* submitted by Smith Gardner, Inc. on behalf of Fogleman and Fogleman Soils, Inc. The final report was submitted subsequent to the removal of impacted soils from the facility on November 2, 2012. Four confirmatory soil samples were collected on November 6, 2012 following soil removal. Three of the samples were collected from the corners of the triangular area where the soil was removed and the fourth sample was collected from the center of where the soil was removed.

Soil samples were analyzed for TPH (DRO and GRO), MADEP VPH and EPH, 8 RCRA Metals, EPA Method 8260 Volatile Organic Compounds, and EPA Method 8270 Semi-volatile Organic Compounds. Cadmium was the only constituent reported above Preliminary Soil Remediation Goals (PRGs) and Pyrene and Acetone were the only organic constituents reported above practical quantitation limits (PQL). Additional inorganic constituents were reported above laboratory reporting limits, but below PRGs and several organic constituents were reported below the PQL at estimated concentrations. Based on the results included in the final report, the Section will not require additional soil stockpile testing. Within 30 days of receiving this letter, Fogleman and Fogleman Soils, Inc. should submit a soil screening plan outlining procedures that will be implemented to prevent the acceptance and sale of contaminated soils in the future.

Please contact me at (919) 707-8288 or by e-mail at erwin.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: Joan Smyth, P.G., Smith Gardner, Inc.
Wayne Randolph, UST Section Hydrogeologist

Michael Scott, Solid Waste Section Chief
Ed Mussler, P.E., Permitting Branch Head
Mark Poindexter, Field Operations Branch Head
Dennis Shackelford, Eastern District Supervisor
John Patrone, Environmental Senior Specialist
Solid Waste Central Files