



Permit No.	Scan Date	DIN
4504	June 14, 2011	14143

RECEIVED  
**June 14, 2011**  
Solid Waste Section  
Asheville Regional Office

June 13, 2011

Mr. Larry Frost  
Solid Waste Permitting Section  
Division of Waste Management  
North Carolina Department of Environment and Natural Resources  
2090 U.S. Highway 70  
Swannanoa, North Carolina 28778

RE: Unpermitted Waste Discovery &  
Waste Hauling Procedures  
Capital Improvements Project  
Stoney Mountain Road Landfill  
Henderson County, North Carolina  
Permit # 45-04-T

Dear Mr. Frost:

On behalf of Henderson County, McGill Associates is providing written notification of what appears to be unpermitted waste discovered on recently purchased property that comprises the Stoney Mountain Road Landfill Facility. The waste was discovered on the former Reavis property that was purchased by Henderson County in 2008. The waste was encountered while performing rough grading operations for a new access road to serve the proposed Citizen's Convenience Center. The proposed access road will cross over the area where the waste was encountered. Ms. Andrea Keller with your office was verbally notified of this discovery on April 28, 2011. Since that time, we have participated in multiple conversations with you (on-site meeting 6/3/2011) and Mr. Ed Mussler (Raleigh on 6/1/11) to discuss the proper management of the encountered waste. There was also a conference call conducted on June 10, 2011 between Henderson County, Golder Associates (provides environmental monitoring for Henderson County), McGill Associates, and Ms. Jaclynne Drummond from the Raleigh Central Office.

Pursuant to your recommendation, we have contacted the Inactive Hazardous Sites Branch to discuss potential assistance from their office in managing this waste area. We have also submitted preliminary information to Ms. Cheryl Marks with their office. This submittal included an aerial photograph from 1983, which appears to show the area in question cleared and disturbed. Therefore, based on the information available at this time, we are of the opinion that the waste in question was apparently placed prior to 1983; is not contiguous with other permitted waste areas on the Facility; and, would be eligible for assistance from the Inactive Hazardous

E n g i n e e r i n g • P l a n n i n g • F i n a n c e

McGill Associates, P.A. • P.O. Box 2259, Asheville, NC 28802 • 55 Broad Street, Asheville, NC 28801

828-252-0575 • Fax: 828-252-2518

Sites Branch. We have not received any correspondence from the Inactive Hazardous Sites Branch since submitting the preliminary information on June 9, 2011. However, we are currently assisting the County in completing a notification form to submit to the Inactive Hazardous Sites Branch, as instructed via telephone by Ms. Marks. We will continue to communicate our progress relative to receiving assistance from the Inactive Hazardous Sites Branch.

Based on our on-site meeting on June 3, 2011, we have consulted with ECS Carolinas, LLP, to develop a road cross section for bridging over the encountered waste with the proposed access road. The proposed cross section is attached for your review. The Contractor will be instructed to install the access road in accordance with this cross section and any modifications required due to field conditions as directed by McGill Associates or ECS Carolinas, LLP. The County's intent is to continue construction of the proposed access road across the area in question so as to avoid delaying the construction of the Capital Improvements Project currently underway at the Facility. Please note, as shown in the proposed cross section detail, that there will be a minimum of four feet (4') of compacted soil and/or inert debris placed over the waste in this area.

During our meeting, we also discussed the handling/disposal of waste encountered and removed during the construction of other portions of the project (i.e., entrance road, scale area, etc.) relative to the Permit to Construct for the Stoney Mountain Capital Improvements Project. The Permit To Construct application called for removed waste to be disposed of through the transfer station facility. However, we have determined that allowing the Contractor to load and haul the removed waste directly to the disposal site in South Carolina should facilitate the construction of the project and relieve congestion in and around the transfer stations and the present scale area. The County will continue to process all other incoming waste through the transfer station facility. The removed waste will be hauled to the Upstate Regional Landfill, South Carolina Facility I.D. No. 442441-1101, in Enoree, South Carolina, operated by Republic Services as approved in the Permit to Operate for the Stoney Mountain Road Landfill, Solid Waste Transfer Station, Permit No. 45-04T. The removed waste will be weighed at the Upstate Regional Landfill and the tonnages recorded by the County for compliance with reporting requirements. The Contractor plans to begin removing and hauling waste in this manner on or about Monday, June 20, 2011. Please consider this as the County's request to be allowed to load and direct the haul the waste removed as a part of the construction of the Capital Improvements Project under the present Permit to Construct. Please let us know should you require additional information.

Mr. Larry Frost  
June 13, 2011  
Page 3

We appreciate the Department's assistance with the apparent unpermitted waste encountered during the construction of the new access road leading to the proposed Citizen's Convenience Center. The County will continue to work with your office to ensure the situation is properly managed. We will also strive to keep you informed of any updates relative to our communications with the Inactive Hazardous Sites Branch. We also appreciate your consideration of the County's request to load and direct haul the waste removed as a part of the construction of the Capital Improvements Project. Should you have any questions or need additional information, please do not hesitate to give me a call.

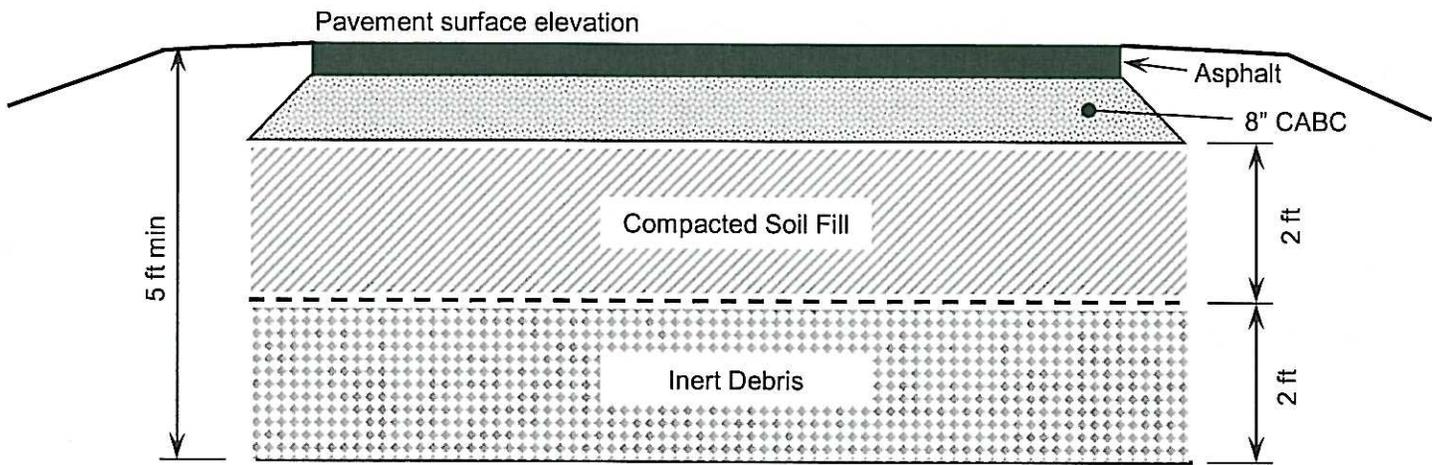
Sincerely,  
McGILL ASSOCIATES, P.A.



For MARK D. CATHEY, PE  
Senior Project Manager

Enclosure

cc: Marcus Jones, PE, Henderson County Director of Engineering, w/enc via email  
Natalie Berry, Assistant Henderson County Engineer, w/enc via email  
Jeff Bishop, McGill Associates  
Bill Sperry, McGill Associates



Buried landfill trash and debris

Mirafi 140N non-woven geotextile. If necessary, spread thin soil layer (6") over surface of exposed debris prior to placement of fabric



\*See Notes on following page

(Not To Scale)

STONEY MOUNTAIN ROAD LANDFILL  
HENDERSON COUNTY, NC

ECS PROJECT NO. 31-1741

JUNE 7, 2011



ROADWAY UNDERCUT AND  
REPAIR DETAIL

Page 1 of 2

Notes:

1.) Undercut minimum 5 feet below finished pavement elevation within areas of existing trash and debris. ECS shall observe the base of the excavation at the undercut level.

2.) Place non-woven filter fabric (Mirafi 140N or approved equal) at the base of the undercut excavation. If necessary, a thin layer of clean soil fill may be spread atop the remaining trash and debris prior to placement of the fabric to protect fabric against ripping on exposed sharp edges. Place fabric in accordance with manufacturer's recommendations.

3.) Inert debris should be broken into pieces as small as feasible and no larger than 24 inches in any one dimension. Place debris flat in maximum 1-foot thick lifts. Spread thin layer of soil atop each lift of debris, and vibrate into void spaces using heavy equipment tracks or vibratory compactor.

4.) Place and compact suitable structural fill soil for the upper 24 inches atop the inert debris. Structural fill soil should be placed and compacted in accordance with project specifications (maximum 8-inch loose lifts and compacted to at least 100% of the standard Proctor maximum dry density).

5.) Place ABC stone base course and asphalt intermediate and surface courses in accordance with project specifications.

6.) The undercutting, fabric placement, backfilling, soil compaction, and pavement construction should be monitored by ECS personnel to evaluate the actual conditions encountered, provide additional recommendations as necessary, and document general compliance with these recommendations.



STONEY MOUNTAIN ROAD LANDFILL  
HENDERSON COUNTY, NC

ECS PROJECT NO. 31-1741

JUNE 7, 2011



ROADWAY UNDERCUT AND  
REPAIR DETAIL

Page 2 of 2